

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052616\
 Data File : BF087430.D
 Acq On : 27 May 2016 4:21
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 27 07:39:33 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	7.51	152	152602	20.00	ng	-0.01
21) Naphthalene-d8	9.54	136	631392	20.00	ng	-0.01
38) Acenaphthene-d10	12.38	164	289379	20.00	ng	-0.01
63) Phenanthrene-d10	14.78	188	549198	20.00	ng	0.00
75) Chrysene-d12	18.47	240	387526	20.00	ng	-0.01
86) Perylene-d12	20.14	264	314621	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	747269	86.05	ng	-0.01
7) Phenol-d6	7.07	99	998982	85.13	ng	0.00
23) Nitrobenzene-d5	8.43	82	1059549	84.57	ng	-0.01
41) 2,4,6-Tribromophenol	13.67	330	215542	77.51	ng	-0.01
44) 2-Fluorobiphenyl	11.32	172	1538869	74.97	ng	-0.01
78) Terphenyl-d14	17.12	244	1450127	79.56	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	1.82	88	186249	40.64	ng	# 73
3) Pyridine	2.40	79	400645	39.99	ng	# 68
4) n-Nitrosodimethylamine	2.38	42	344590	44.64	ng	# 45
6) Aniline	7.02	93	639049	42.10	ng	93
8) 2-Chlorophenol	7.20	128	444795	41.07	ng	96
9) Benzaldehyde	6.82	77	247051	38.13	ng	94
10) Phenol	7.08	94	543558	42.42	ng	78
11) bis(2-Chloroethyl)ether	7.15	93	417009	40.21	ng	85
12) 1,3-Dichlorobenzene	7.54	146	485462	41.10	ng	97
13) 1,4-Dichlorobenzene	7.54	146	488911	40.31	ng	96
14) 1,2-Dichlorobenzene	7.77	146	456035	40.65	ng	98
15) Benzyl Alcohol	7.82	79	367764	42.99	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.00	45	893644	38.29	ng	86
17) 2-Methylphenol	8.02	107	362640	41.78	ng	# 83
18) Hexachloroethane	8.28	117	184684	40.82	ng	96
19) n-Nitroso-di-n-propylamine	8.24	70	343653	39.27	ng	# 70
20) 3+4-Methylphenols	8.28	107	447987	42.70	ng	# 59
22) Acetophenone	8.20	105	632515	41.93	ng	# 97
24) Nitrobenzene	8.47	77	557896	42.19	ng	96
25) Isophorone	8.86	82	892265	39.71	ng	99
26) 2-Nitrophenol	8.97	139	232336	42.98	ng	# 80
27) 2,4-Dimethylphenol	9.11	122	375535	40.02	ng	# 84
28) bis(2-Chloroethoxy)methane	9.23	93	486221	38.42	ng	98
29) 2,4-Dichlorophenol	9.38	162	326523	38.61	ng	97
30) 1,2,4-Trichlorobenzene	9.47	180	386833	39.96	ng	97
31) Naphthalene	9.58	128	1240953	39.22	ng	99
32) Benzoic acid	9.46	122	166940	36.18	ng	# 81
33) 4-Chloroaniline	9.72	127	480025	41.19	ng	# 94
34) Hexachlorobutadiene	9.79	225	228677	38.86	ng	98
35) Caprolactam	10.38	113	85498	34.64	ng	# 51
36) 4-Chloro-3-methylphenol	10.59	107	417675	43.68	ng	92
37) 2-Methylnaphthalene	10.71	142	788442	39.89	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.98	216	360793	38.95	ng	99
40) Hexachlorocyclopentadiene	10.95	237	97894	32.10	ng	95

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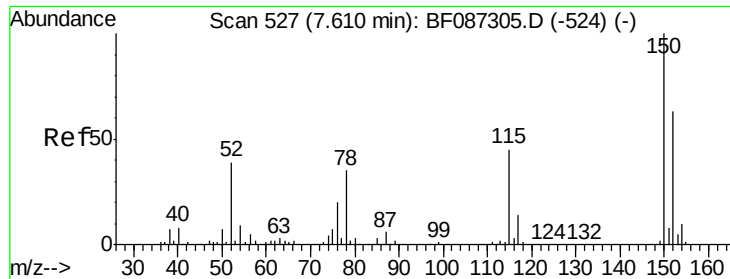
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	11.21	196	210574	39.38	ng	93
43) 2,4,5-Trichlorophenol	11.29	196	212645	39.05	ng #	90
45) 1,1'-Biphenyl	11.47	154	958698	39.35	ng	97
46) 2-Chloronaphthalene	11.48	162	730428	39.19	ng #	91
47) 2-Nitroaniline	11.71	65	300788	44.79	ng	85
48) Acenaphthylene	12.15	152	1188347	40.27	ng	99
49) Dimethylphthalate	12.03	163	913540	39.41	ng	99
50) 2,6-Dinitrotoluene	12.12	165	188753	40.41	ng #	80
51) Acenaphthene	12.42	154	722448	39.83	ng	98
52) 3-Nitroaniline	12.39	138	201857	42.11	ng #	77
53) 2,4-Dinitrophenol	12.60	184	65701	31.78	ng #	81
54) Dibenzofuran	12.71	168	958478	39.03	ng	92
55) 4-Nitrophenol	12.80	139	75428	32.98	ng #	49
56) 2,4-Dinitrotoluene	12.79	165	269087	43.10	ng	93
57) Fluorene	13.27	166	835986	39.26	ng	99
58) 2,3,4,6-Tetrachlorophenol	12.95	232	152687	36.45	ng	95
59) Diethylphthalate	13.18	149	871565	38.67	ng	99
60) 4-Chlorophenyl-phenylether	13.29	204	390199	37.57	ng	99
61) 4-Nitroaniline	13.41	138	187256	41.85	ng #	71
62) Azobenzene	13.55	77	969191	41.45	ng	86
64) 4,6-Dinitro-2-methylphenol	13.45	198	133795	38.31	ng #	69
65) n-Nitrosodiphenylamine	13.51	169	672843	37.88	ng	100
66) 4-Bromophenyl-phenylether	14.08	248	229121	38.13	ng	93
67) Hexachlorobenzene	14.15	284	240931	38.34	ng #	73
68) Atrazine	14.42	200	175983	31.08	ng	93
69) Pentachlorophenol	14.51	266	58112	33.64	ng	98
70) Phenanthrene	14.81	178	1166548	38.35	ng	100
71) Anthracene	14.89	178	1214794	39.53	ng	100
72) Carbazole	15.19	167	1060005	40.44	ng	99
73) Di-n-butylphthalate	15.76	149	1225537	36.16	ng #	98
74) Fluoranthene	16.57	202	1200277	39.35	ng	96
76) Benzidine	16.80	184	423972	42.52	ng	97
77) Pyrene	16.88	202	1204215	43.17	ng	99
79) Butylbenzylphthalate	17.78	149	474430	38.35	ng #	71
80) Benzo(a)anthracene	18.46	228	858826	38.96	ng	99
81) 3,3'-Dichlorobenzidine	18.45	252	490052	40.24	ng #	98
82) Chrysene	18.50	228	844393	38.60	ng	99
83) Bis(2-ethylhexyl)phthalate	18.53	149	604978	33.52	ng #	95
84) Di-n-octyl phthalate	19.30	149	883903	32.11	ng #	85
85) Indeno(1,2,3-cd)pyrene	21.36	276	802151	45.74	ng	94
87) Benzo(b)fluoranthene	19.73	252	767020	38.27	ng	98
88) Benzo(k)fluoranthene	19.73	252	767020	44.46	ng	98
89) Benzo(a)pyrene	20.08	252	674795	38.93	ng	99
90) Dibenzo(a,h)anthracene	21.37	278	664226	44.93	ng #	92
91) Benzo(g,h,i)perylene	21.71	276	676421	46.37	ng #	91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.01 min

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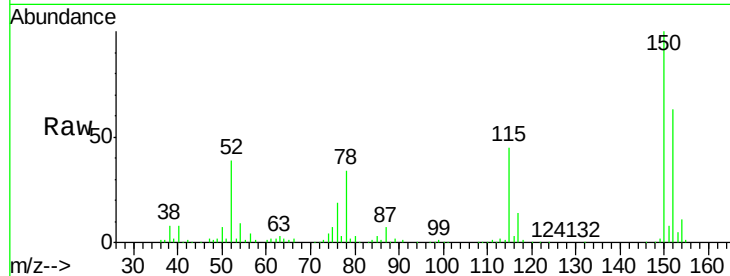
Tgt Ion:152 Resp: 152602

Ion Ratio Lower Upper

152 100

150 158.7 125.8 188.6

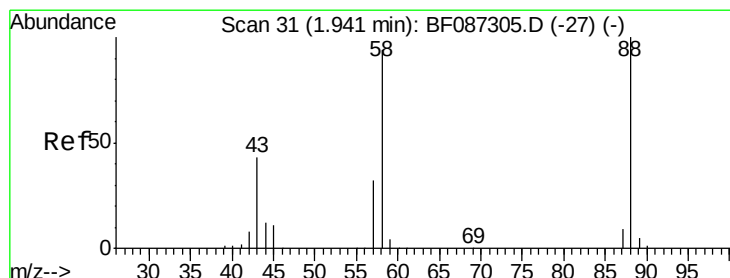
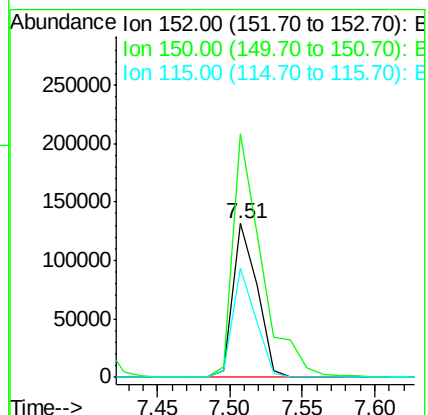
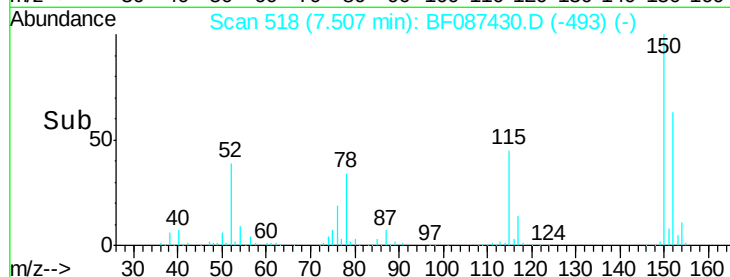
115 71.1 51.5 77.3



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: 40.64 ng

RT: 1.82 min Scan# 20

Delta R.T. -0.00 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

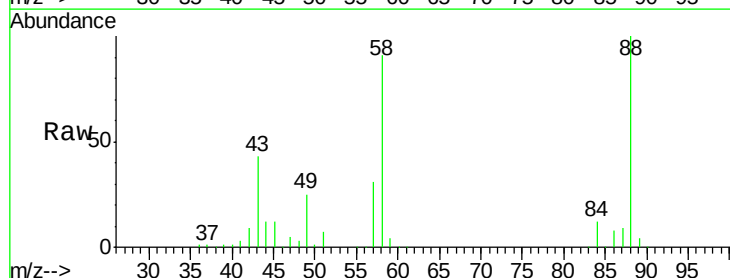
Tgt Ion: 88 Resp: 186249

Ion Ratio Lower Upper

88 100

58 95.4 59.6 89.4#

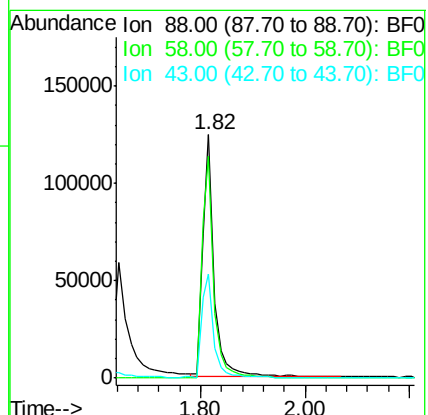
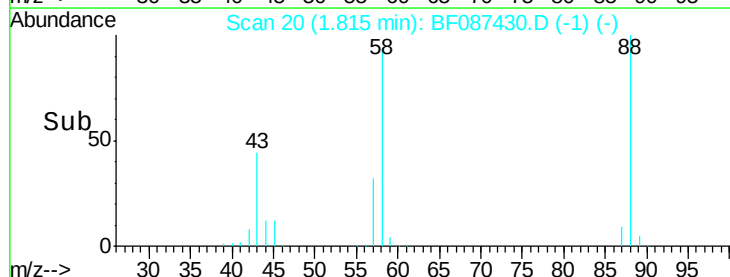
43 45.3 21.8 32.6#

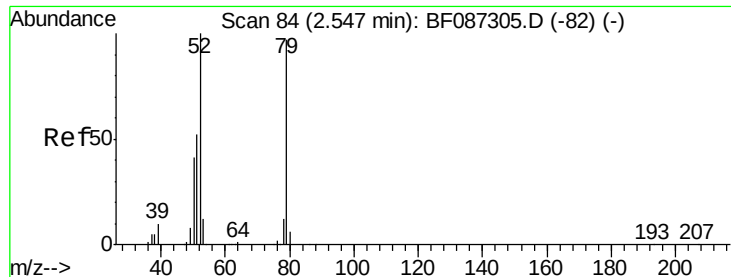


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 39.99 ng

RT: 2.40 min Scan# 71

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

Instrument :

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SSTDCCC040

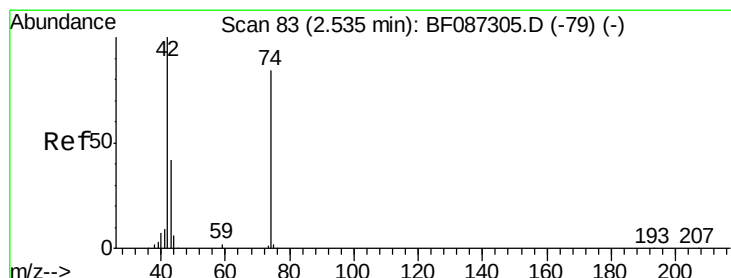
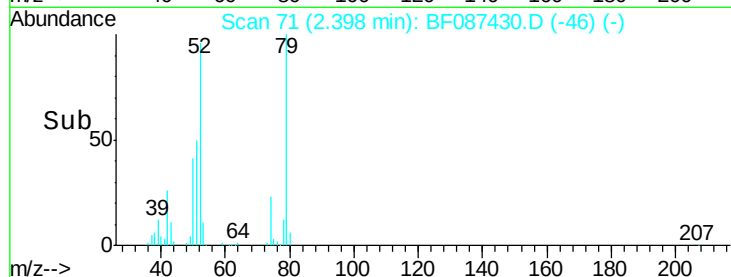
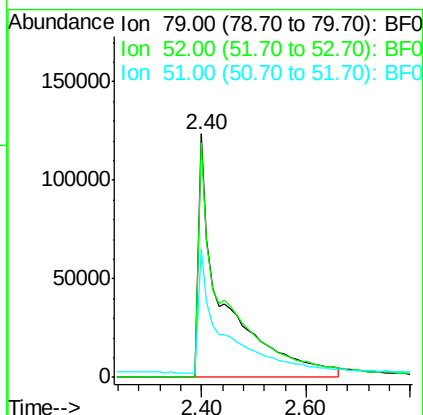
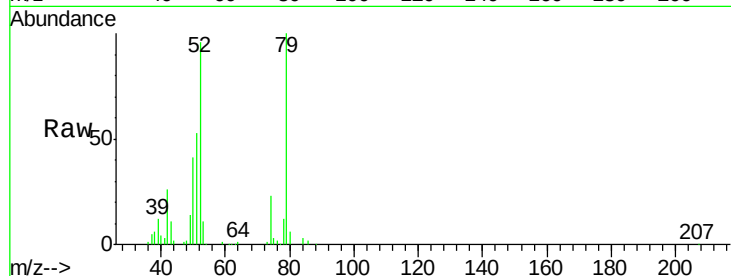
Tgt Ion: 79 Resp: 400645

Ion Ratio Lower Upper

79 100

52 96.4 55.9 83.9#

51 52.7 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 44.64 ng

RT: 2.38 min Scan# 69

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

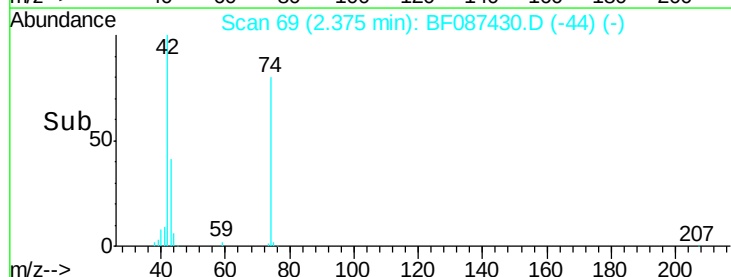
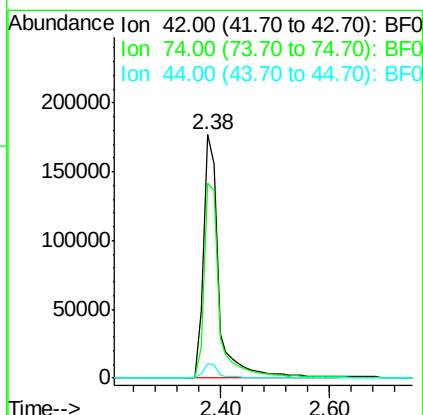
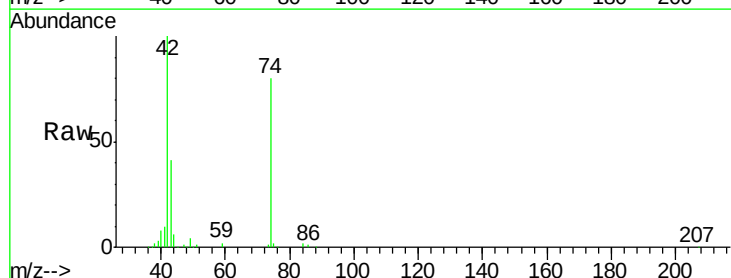
Tgt Ion: 42 Resp: 344590

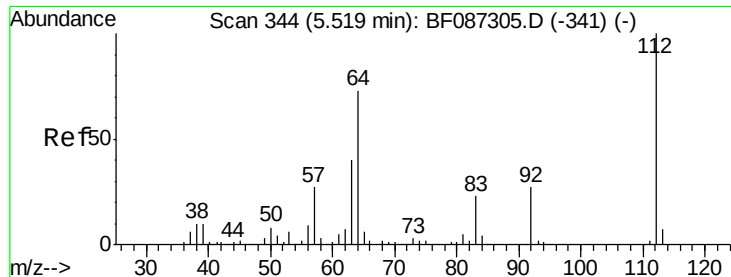
Ion Ratio Lower Upper

42 100

74 80.2 123.4 185.0#

44 5.9 5.8 8.6





#5

2-Fluorophenol

Concen: 86.05 ng

RT: 5.40 min Scan# 334

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

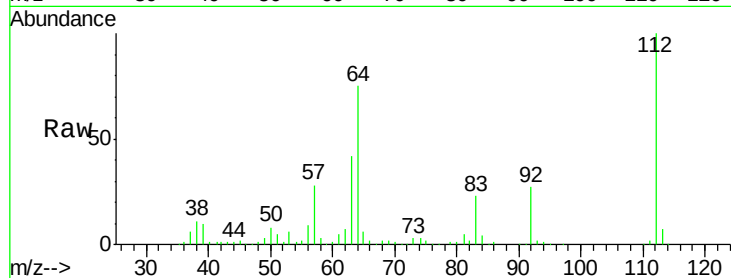
Tgt Ion: 112 Resp: 747269

Ion Ratio Lower Upper

112 100

64 74.7 52.1 78.1

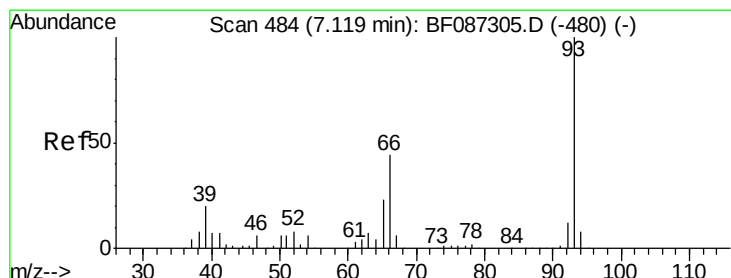
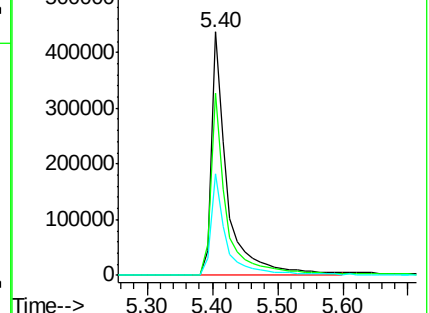
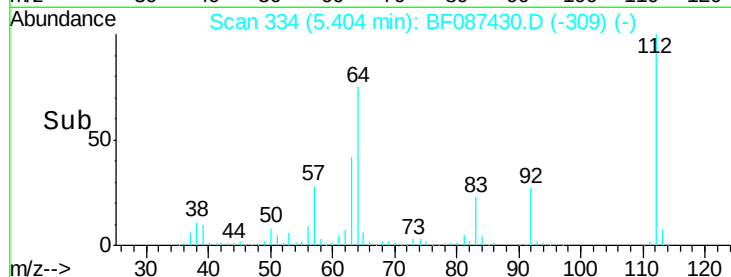
63 41.5 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 42.10 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

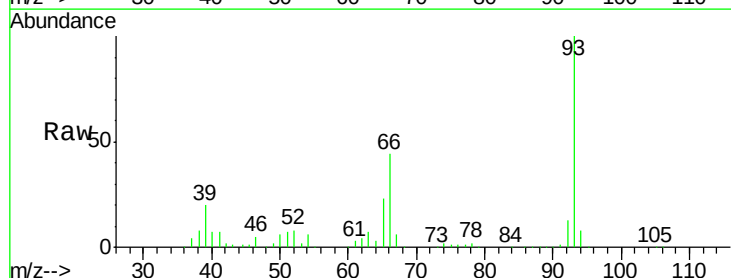
Tgt Ion: 93 Resp: 639049

Ion Ratio Lower Upper

93 100

66 44.0 39.0 58.6

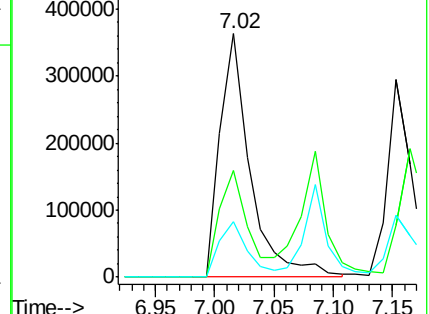
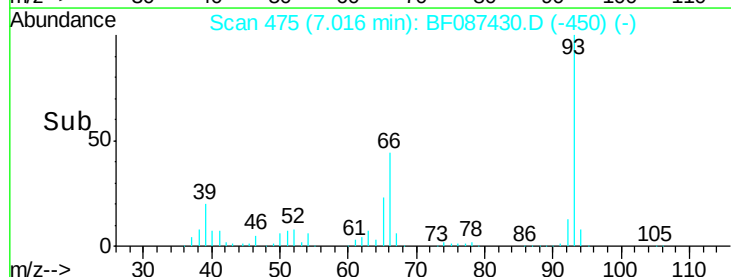
65 23.0 20.6 31.0

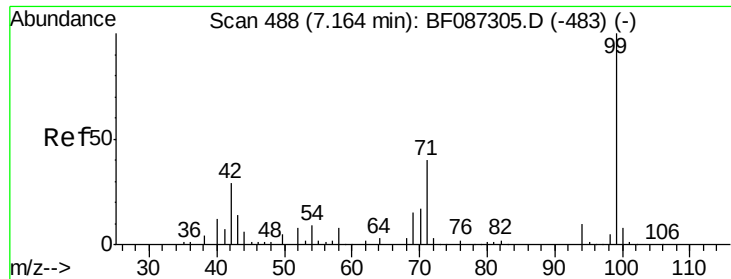


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 85.13 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.00 min

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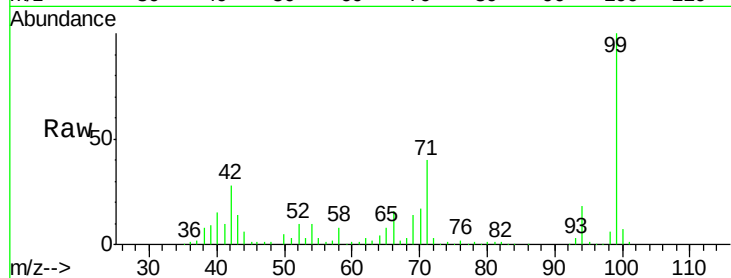
Tgt Ion: 99 Resp: 998982

Ion Ratio Lower Upper

99 100

42 28.2 13.6 20.4#

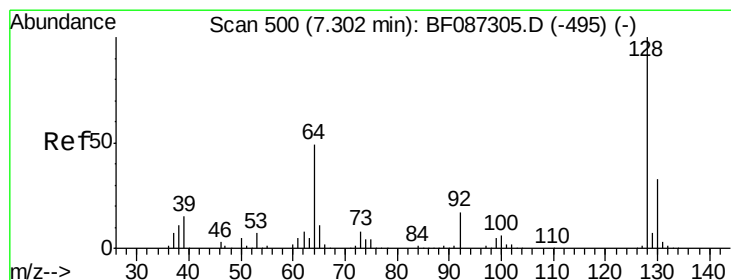
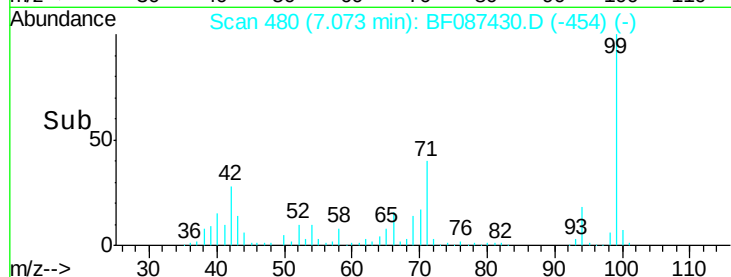
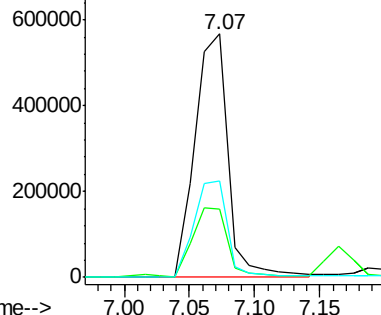
71 39.7 24.6 36.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.07 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.00 min

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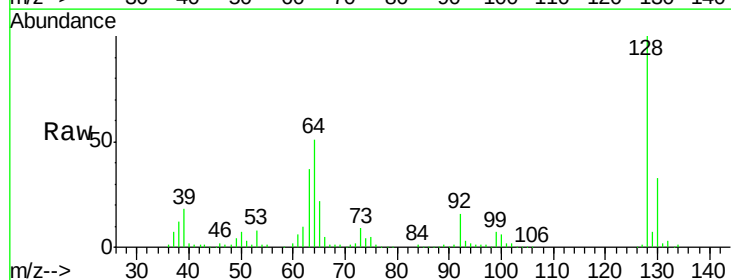
Tgt Ion: 128 Resp: 444795

Ion Ratio Lower Upper

128 100

130 32.8 12.5 52.5

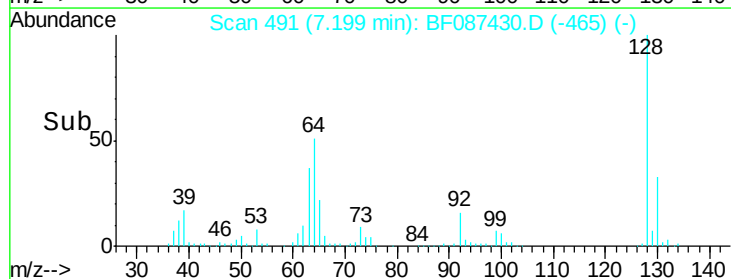
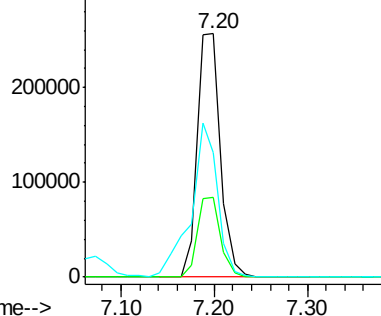
64 51.1 27.3 67.3

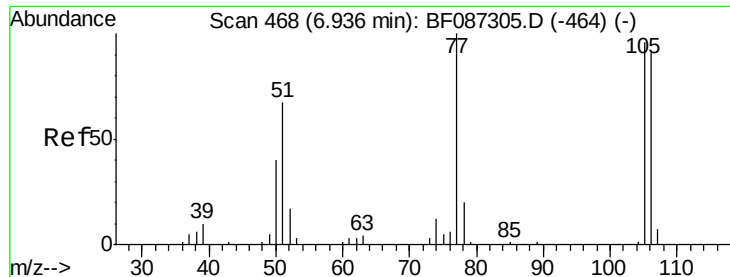


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.13 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.01 min

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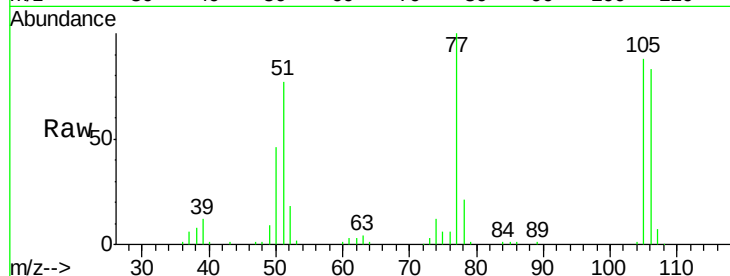
Tgt Ion: 77 Resp: 247051

Ion Ratio Lower Upper

77 100

105 88.1 72.7 112.7

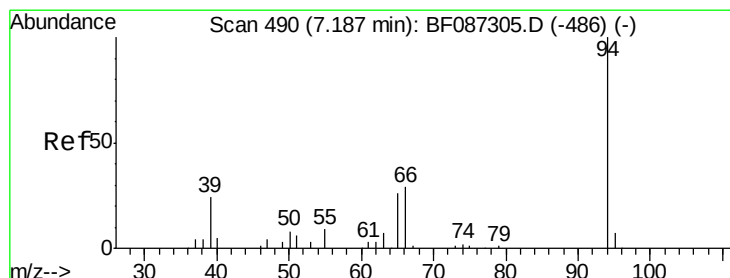
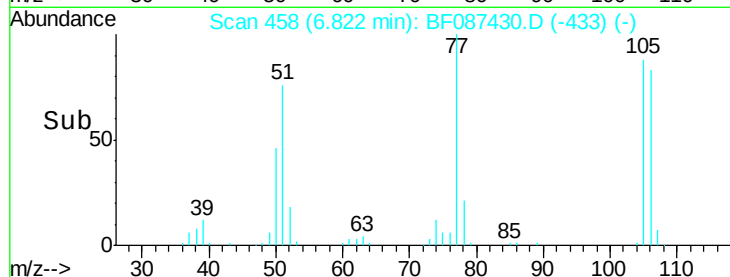
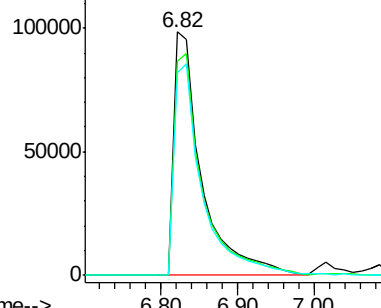
106 83.1 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.42 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

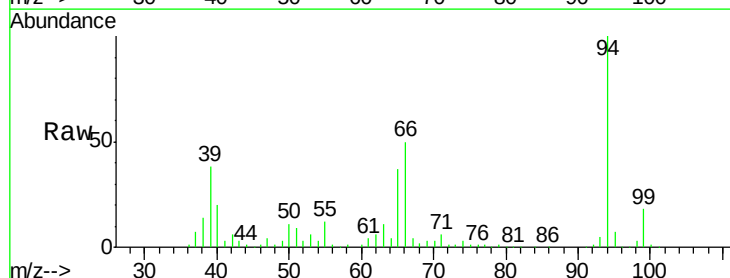
Tgt Ion: 94 Resp: 543558

Ion Ratio Lower Upper

94 100

65 36.6 7.2 47.2

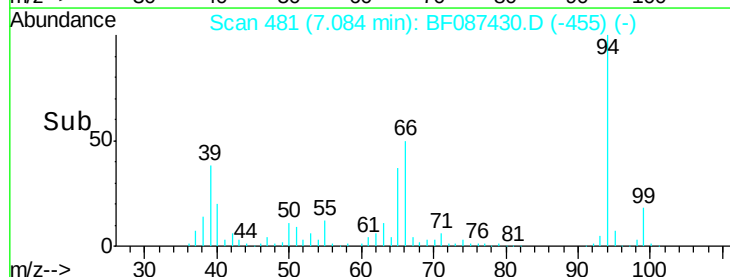
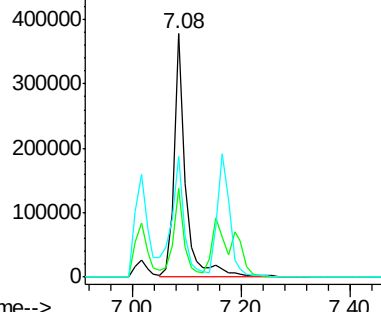
66 49.5 14.9 54.9

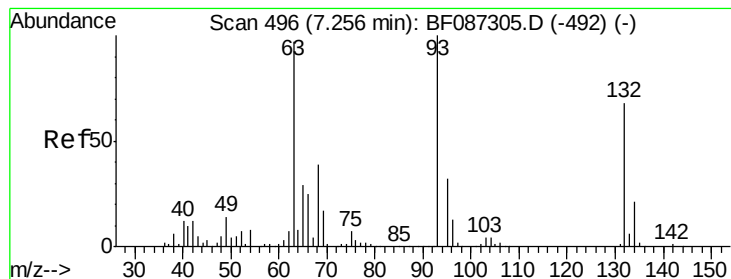


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

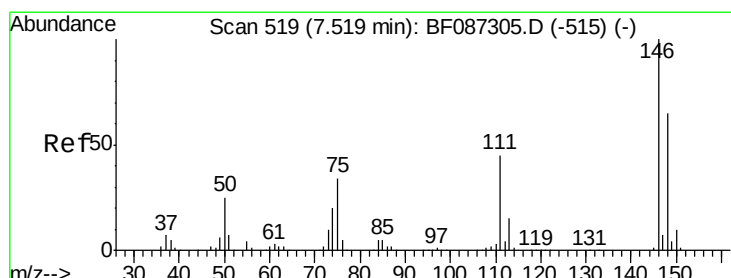
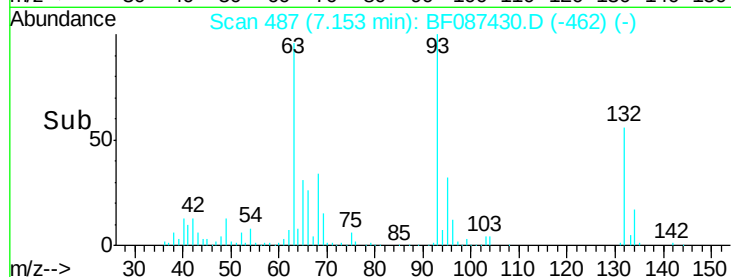
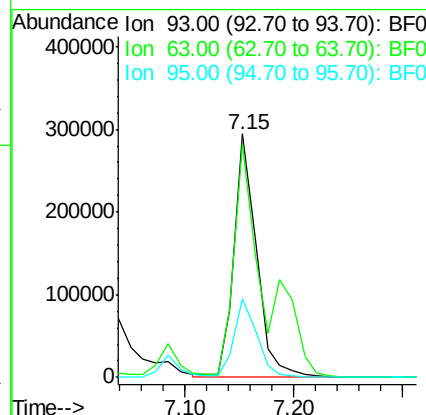
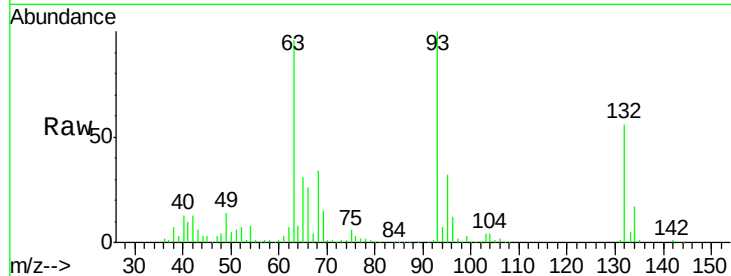




#11
bis(2-Chloroethyl)ether
Concen: 40.21 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF087430.D
Acq: 27 May 2016 4:21

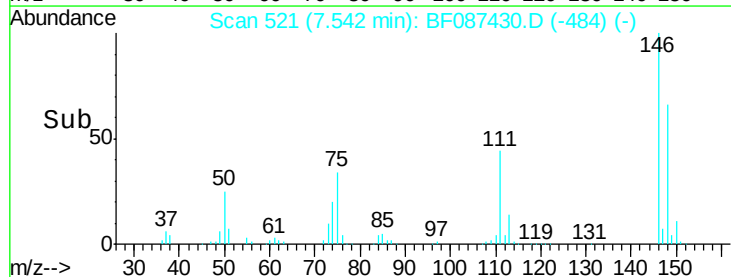
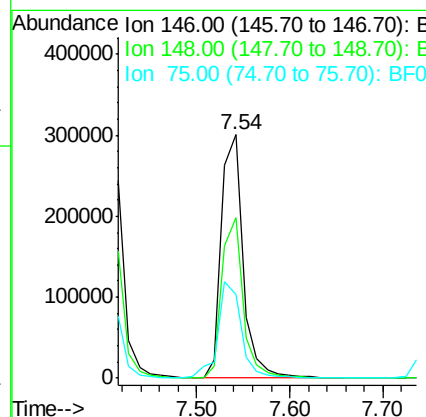
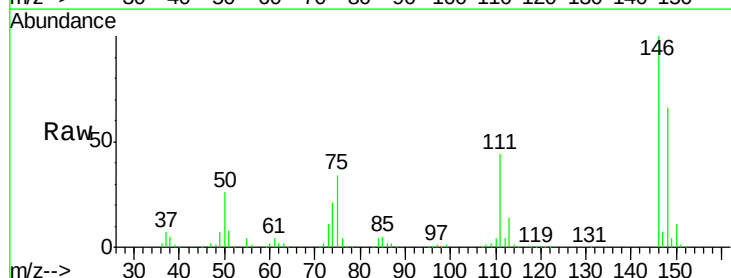
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

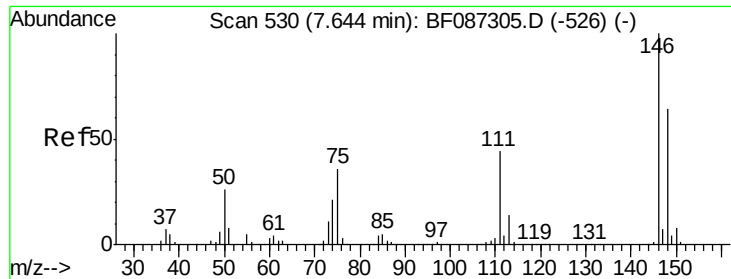
Tgt Ion: 93 Resp: 417009
Ion Ratio Lower Upper
93 100
63 96.0 58.0 98.0
95 32.4 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 41.10 ng
RT: 7.54 min Scan# 521
Delta R.T. 0.13 min
Lab File: BF087430.D
Acq: 27 May 2016 4:21

Tgt Ion: 146 Resp: 485462
Ion Ratio Lower Upper
146 100
148 65.7 52.4 78.6
75 34.1 22.8 34.2

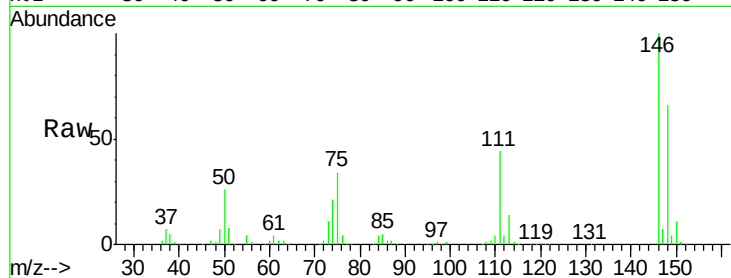




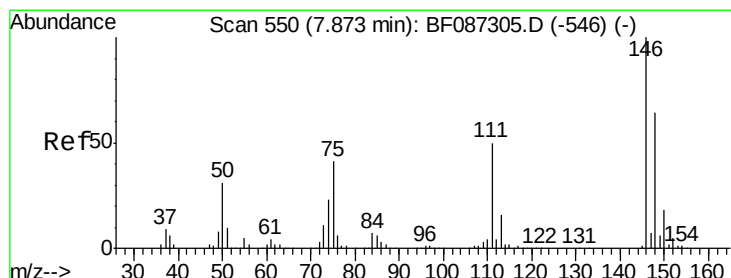
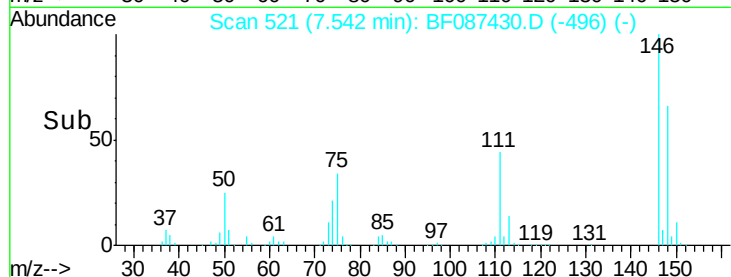
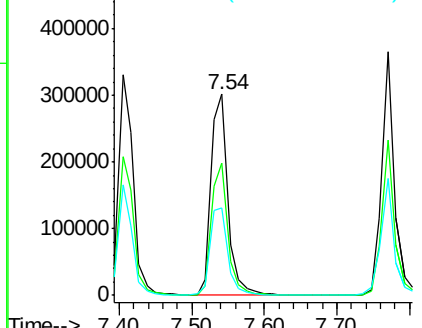
#13
 1,4-Dichlorobenzene
 Concen: 40.31 ng
 RT: 7.54 min Scan# 521
 Delta R.T. -0.01 min
 Lab File: BF087430.D
 Acq: 27 May 2016 4:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:146 Resp: 488911
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.2 78.4
 111 43.6 30.7 46.1

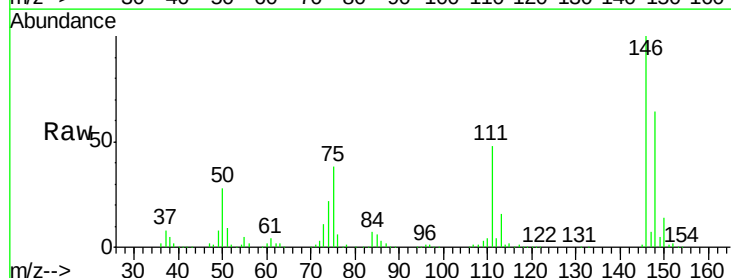


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

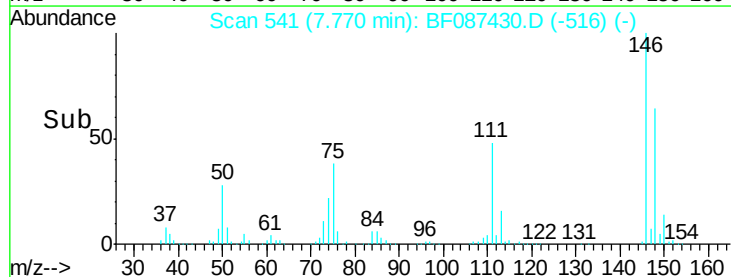
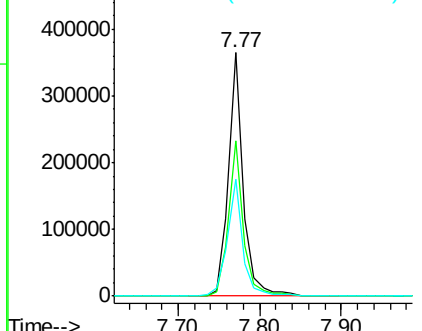


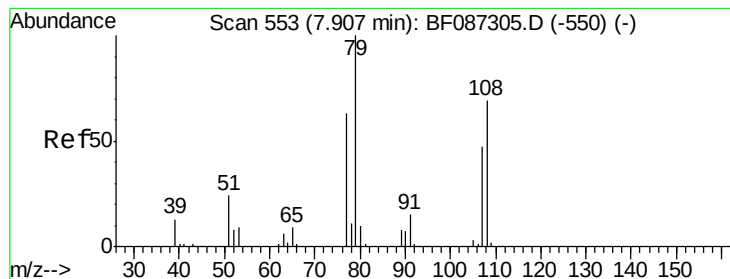
#14
 1,2-Dichlorobenzene
 Concen: 40.65 ng
 RT: 7.77 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: BF087430.D
 Acq: 27 May 2016 4:21

Tgt Ion:146 Resp: 456035
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.0 76.6
 111 48.1 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: 42.99 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

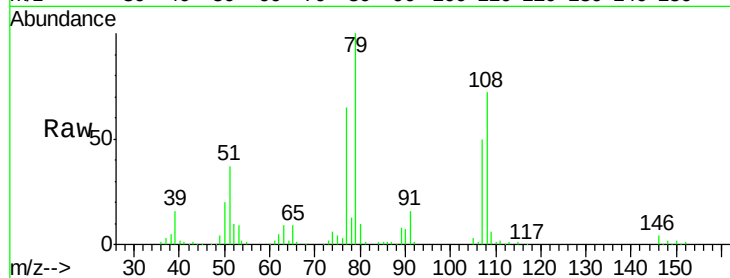
Tgt Ion: 79 Resp: 367764

Ion Ratio Lower Upper

79 100

108 71.7 68.4 102.6

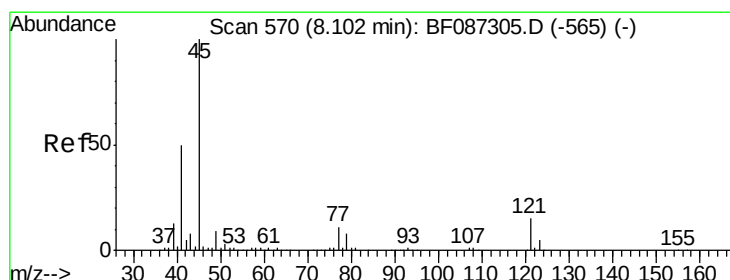
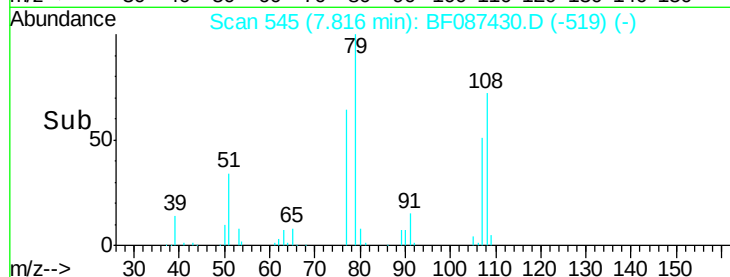
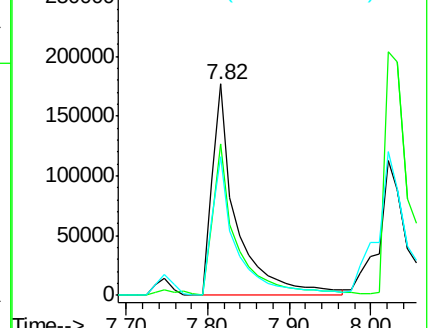
77 65.5 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.29 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

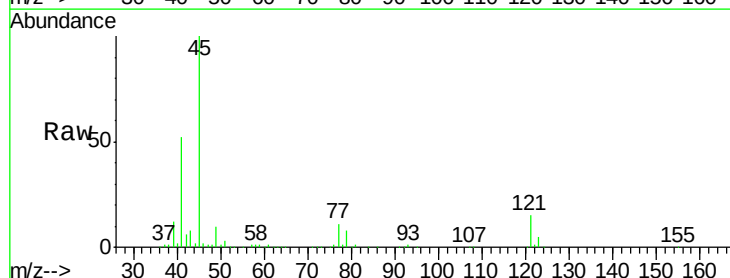
Tgt Ion: 45 Resp: 893644

Ion Ratio Lower Upper

45 100

77 10.6 0.0 36.4

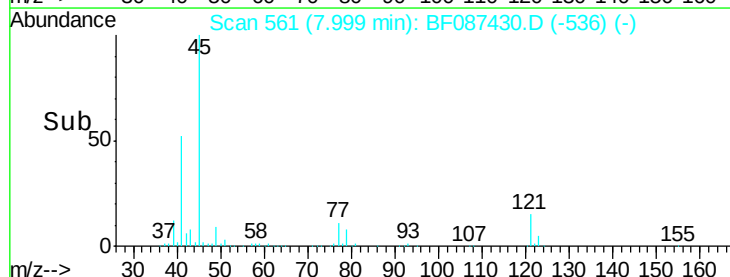
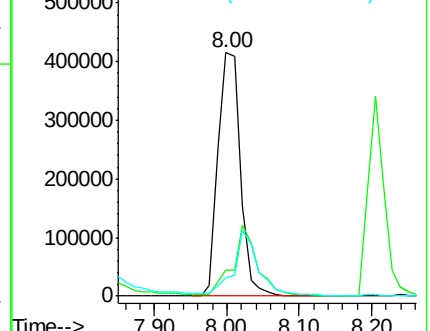
79 7.7 0.0 33.4

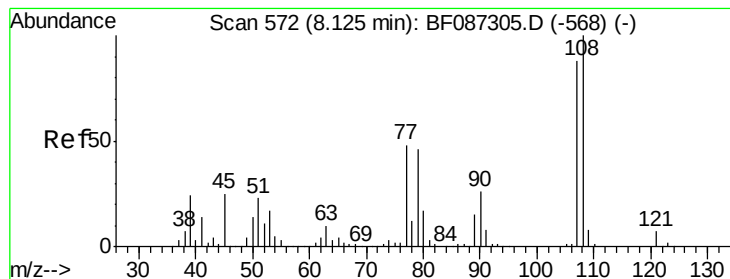


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

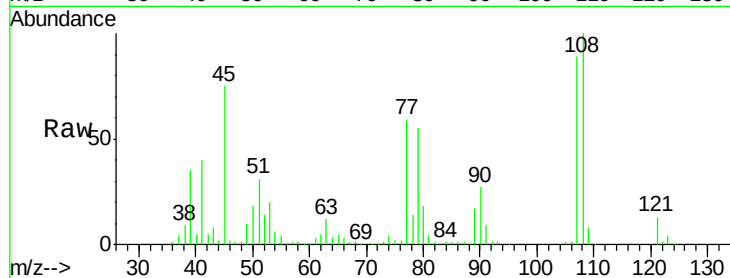




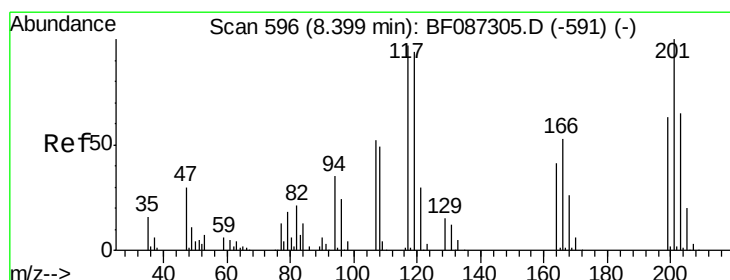
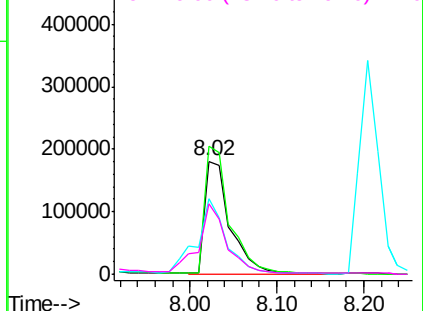
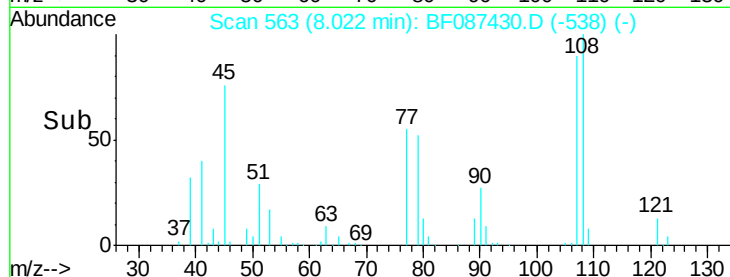
#17
2-Methylphenol
Concen: 41.78 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF087430.D
Acq: 27 May 2016 4:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 362640
Ion Ratio Lower Upper
107 100
108 112.7 93.7 140.5
77 66.5 33.4 50.0#
79 62.4 34.3 51.5#

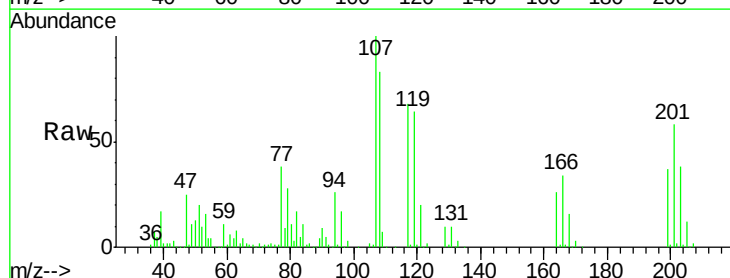


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

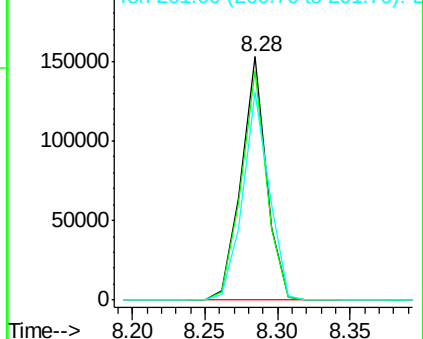
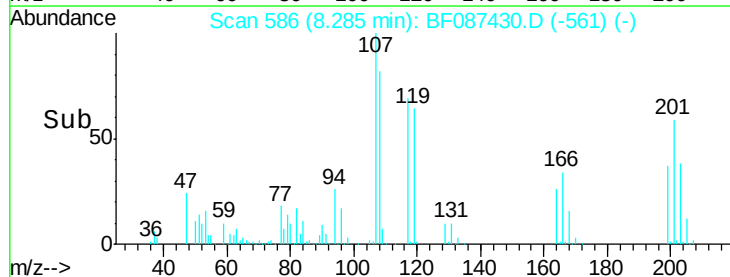


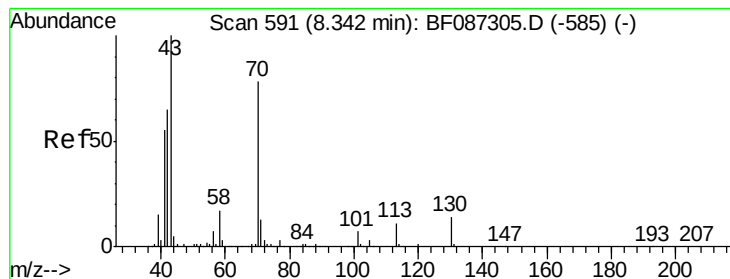
#18
Hexachloroethane
Concen: 40.82 ng
RT: 8.28 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF087430.D
Acq: 27 May 2016 4:21

Tgt Ion:117 Resp: 184684
Ion Ratio Lower Upper
117 100
119 94.1 76.5 114.7
201 85.5 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: 39.27 ng

RT: 8.24 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 343653

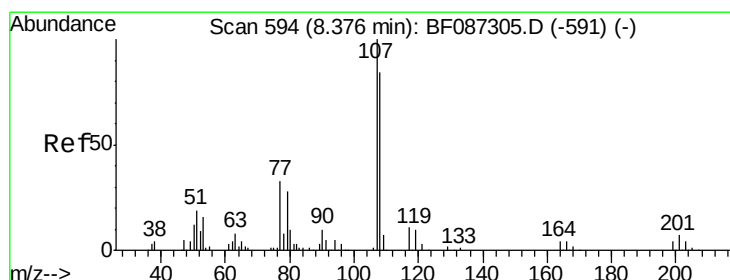
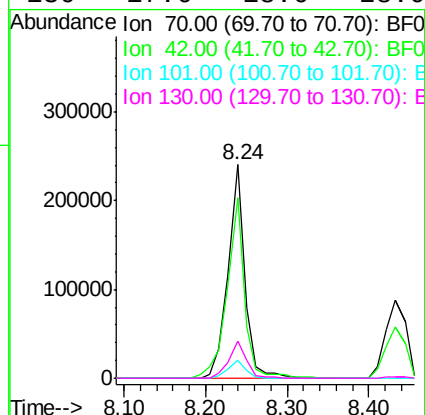
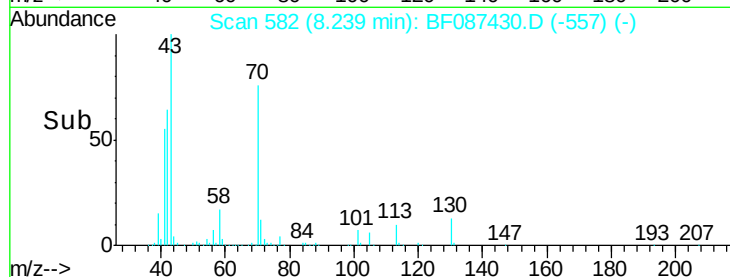
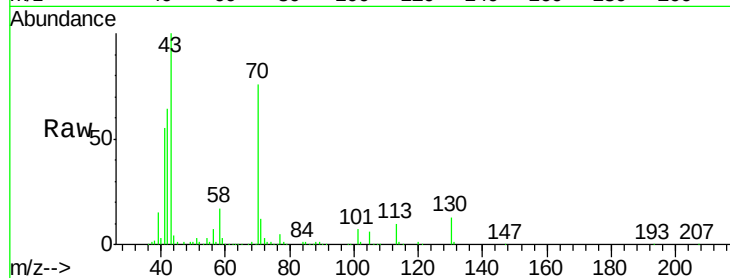
Ion Ratio Lower Upper

70 100

42 84.6 43.1 64.7#

101 8.7 8.1 12.1

130 17.6 18.6 28.0#



#20

3+4-Methylphenols

Concen: 42.70 ng

RT: 8.28 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

Tgt Ion: 107 Resp: 447987

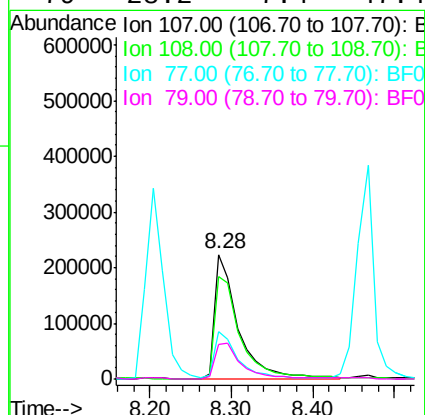
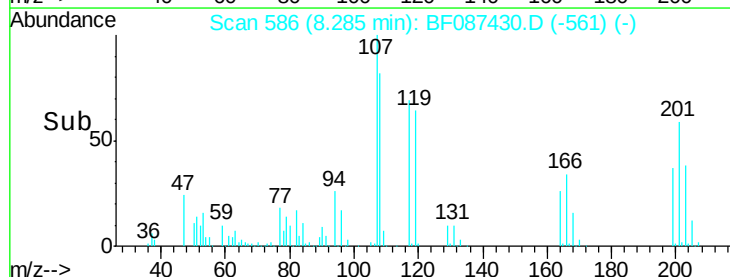
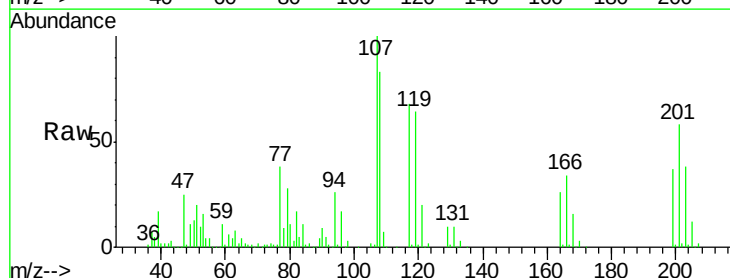
Ion Ratio Lower Upper

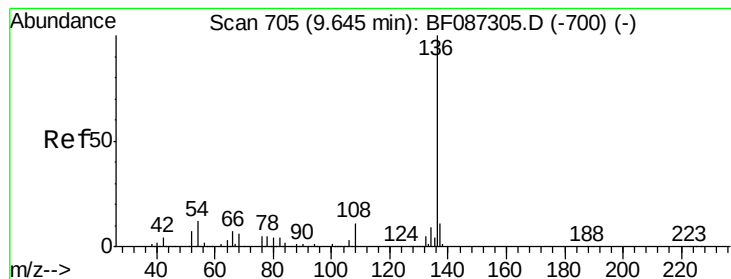
107 100

108 82.6 68.5 108.5

77 37.5 101.6 141.6#

79 28.2 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

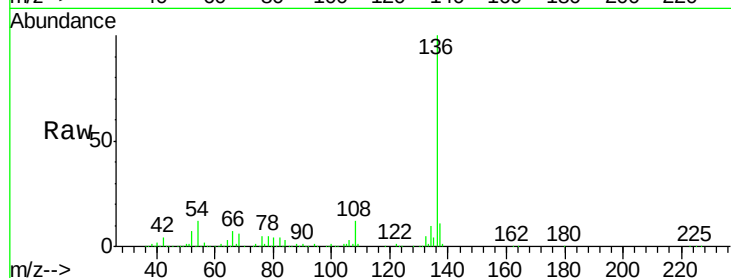
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:	136	Resp:	631392
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.8	13.2
54	11.6	5.0	7.4#
68	5.7	4.4	6.6

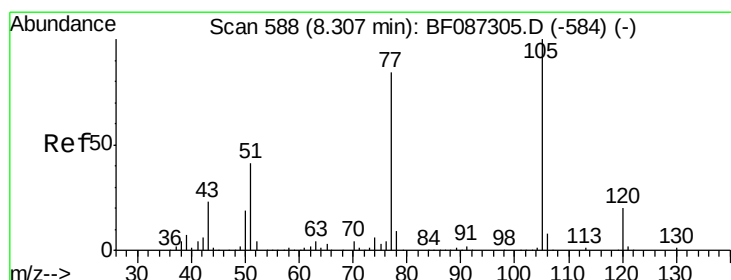
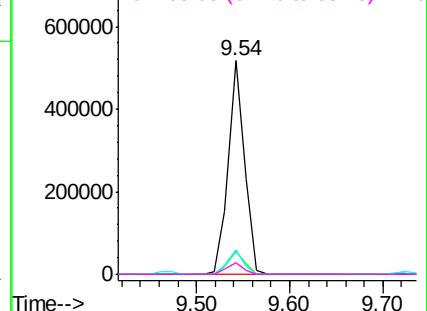
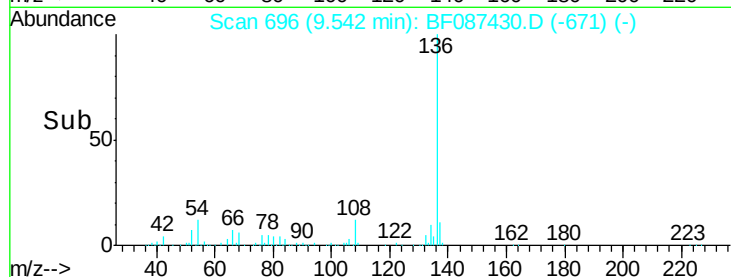


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.93 ng

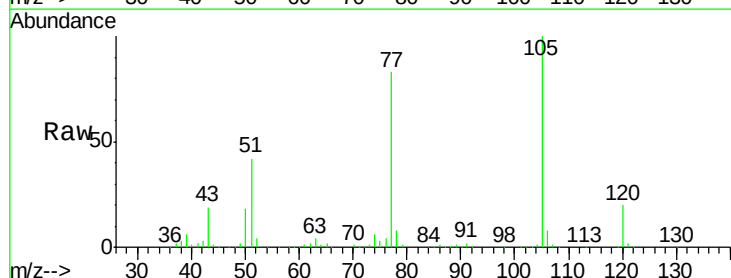
RT: 8.20 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

Tgt Ion:	105	Resp:	632515
Ion Ratio	Lower	Upper	
105	100		
71	0.3	4.8	7.2#
51	42.0	32.6	49.0
120	19.5	16.5	24.7

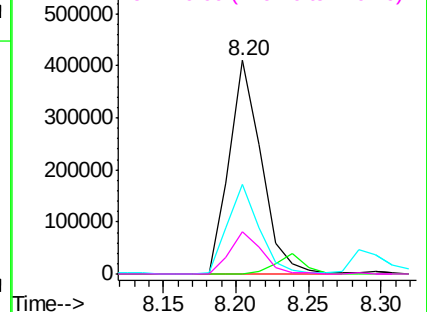
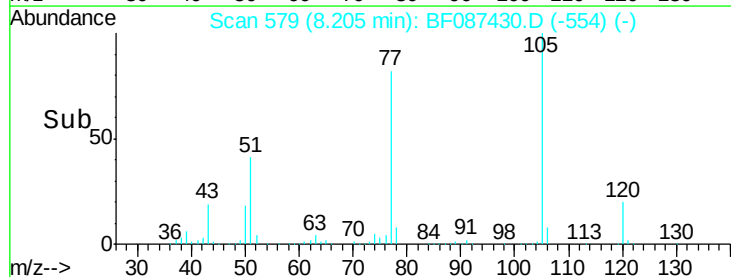


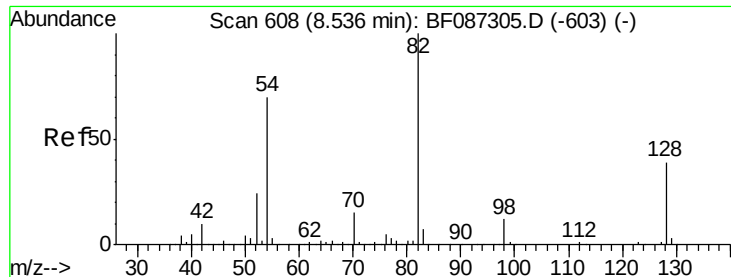
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

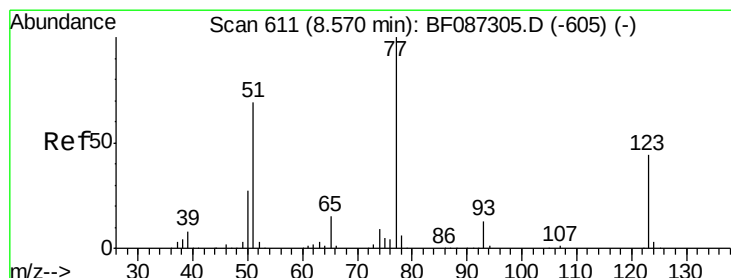
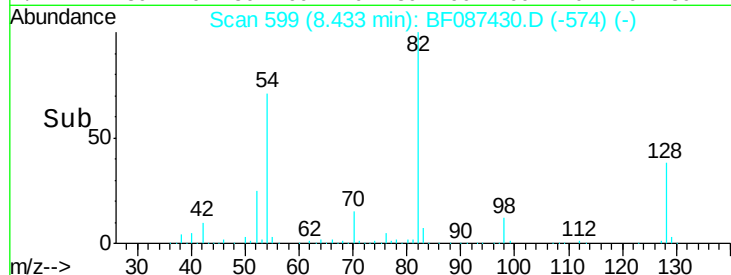
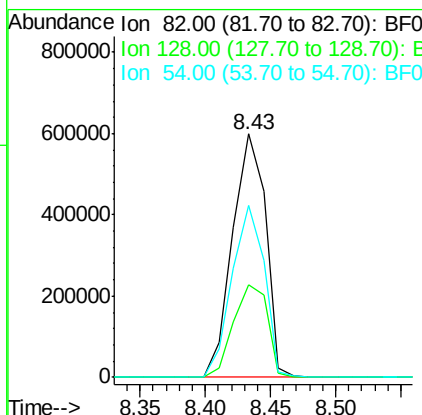
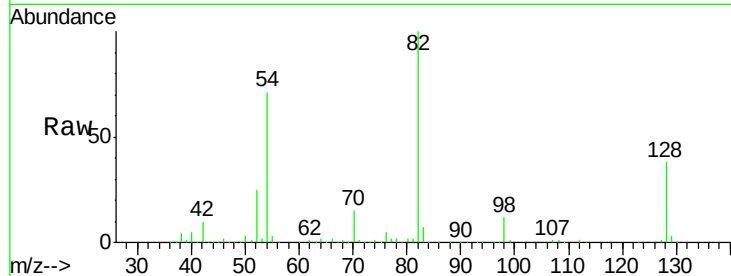




#23
 Nitrobenzene-d5
 Concen: 84.57 ng
 RT: 8.43 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF087430.D
 Acq: 27 May 2016 4:21

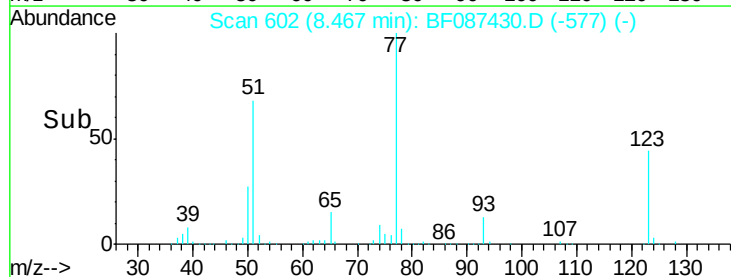
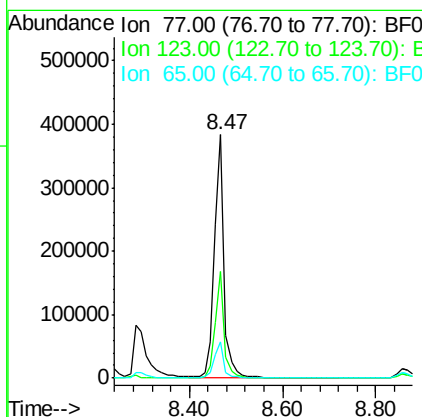
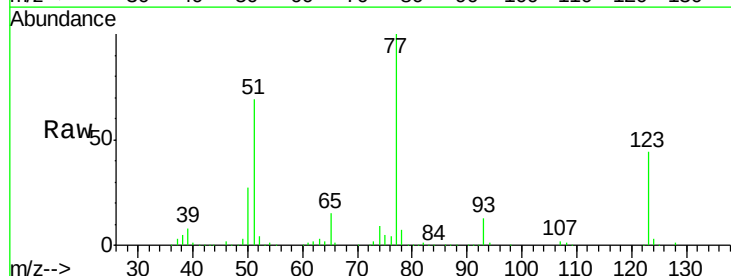
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

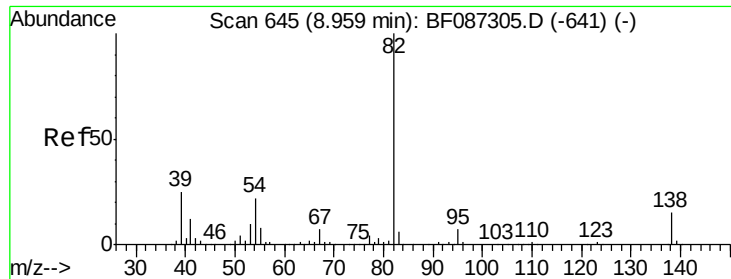
Tgt Ion: 82 Resp: 1059549
 Ion Ratio Lower Upper
 82 100
 128 38.1 40.6 61.0#
 54 70.8 38.1 57.1#



#24
 Nitrobenzene
 Concen: 42.19 ng
 RT: 8.47 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF087430.D
 Acq: 27 May 2016 4:21

Tgt Ion: 77 Resp: 557896
 Ion Ratio Lower Upper
 77 100
 123 43.6 33.0 49.4
 65 14.8 10.8 16.2





#25

Isophorone

Concen: 39.71 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.02 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

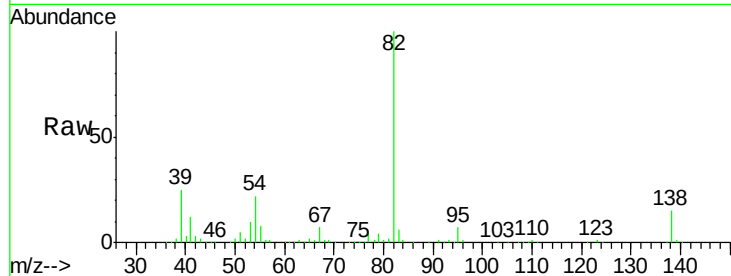
Tgt Ion: 82 Resp: 892265

Ion Ratio Lower Upper

82 100

95 7.4 5.1 7.7

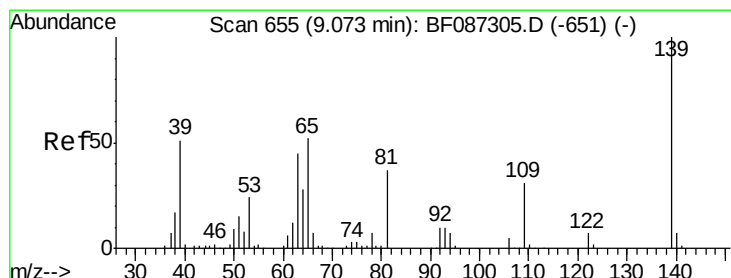
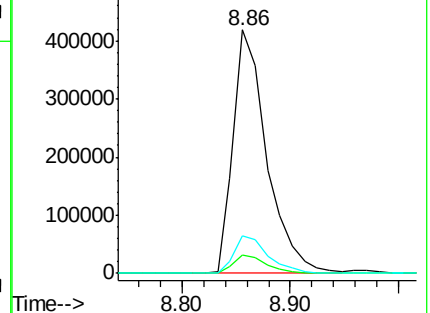
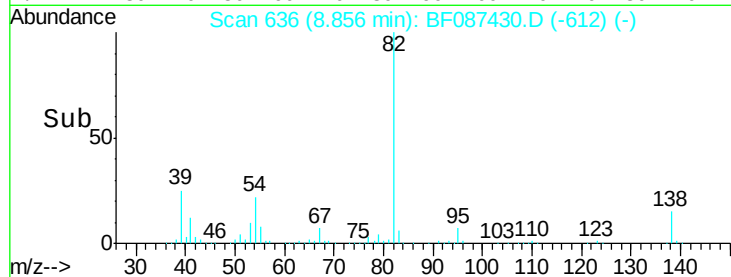
138 15.3 12.4 18.6



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: 42.98 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

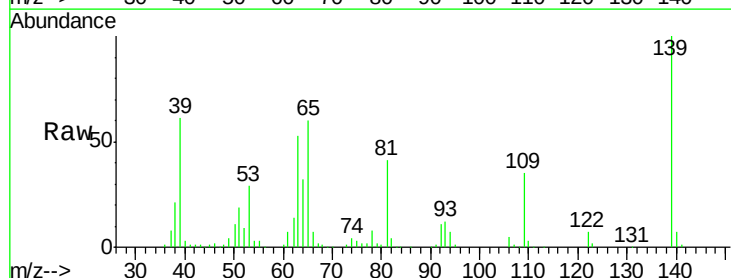
Tgt Ion: 139 Resp: 232336

Ion Ratio Lower Upper

139 100

109 34.7 19.5 29.3#

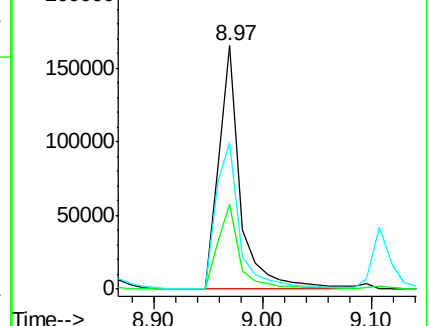
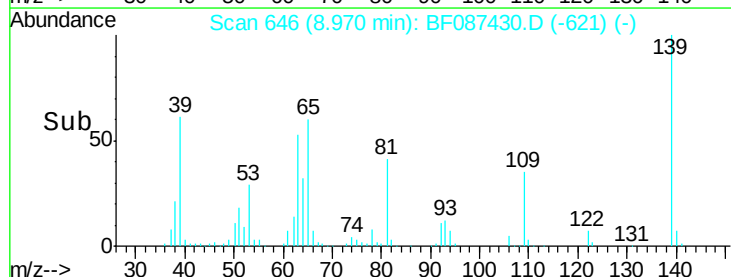
65 60.1 37.5 56.3#

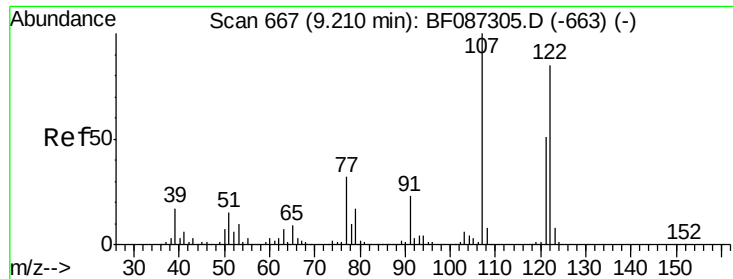


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

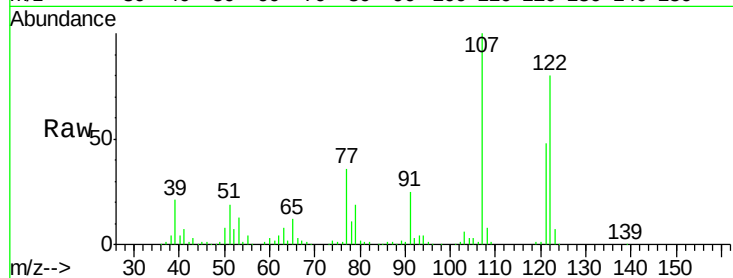




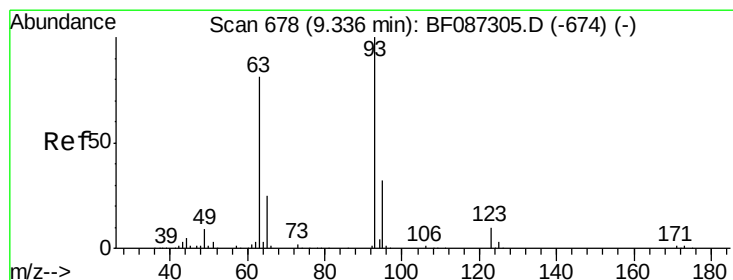
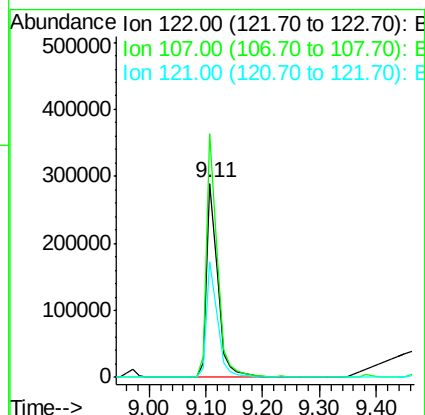
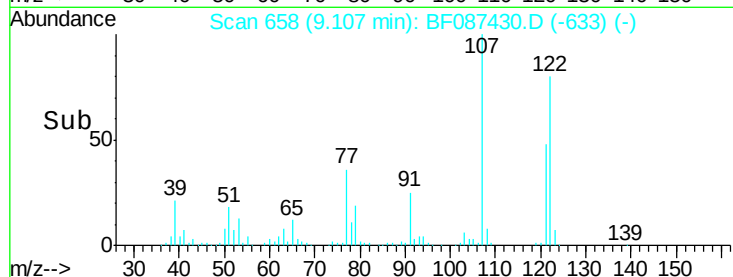
#27
 2,4-Dimethylphenol
 Concen: 40.02 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF087430.D
 Acq: 27 May 2016 4:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 122 Resp: 375535
 Ion Ratio Lower Upper
 122 100
 107 125.7 82.0 123.0#
 121 60.0 46.1 69.1

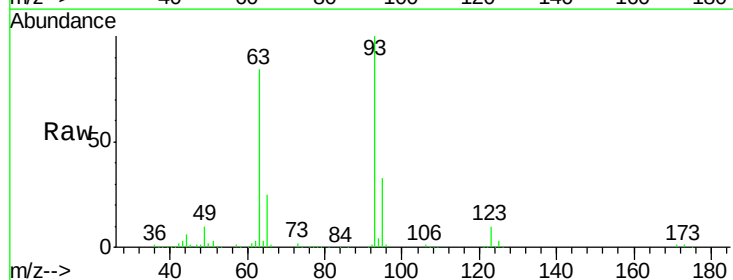


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

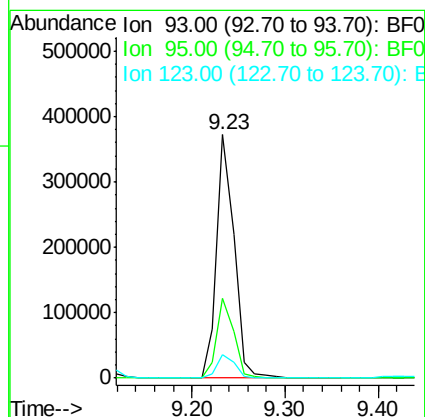
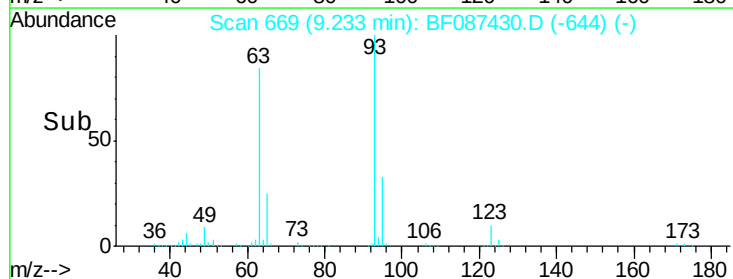


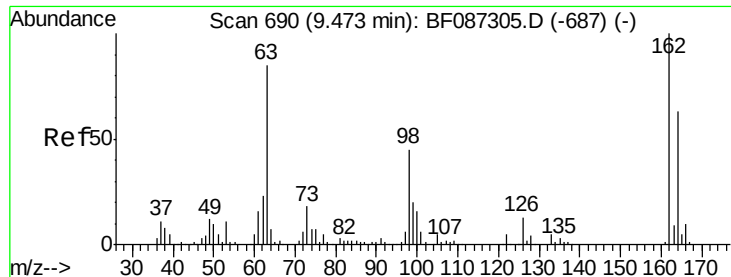
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.42 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BF087430.D
 Acq: 27 May 2016 4:21

Tgt Ion: 93 Resp: 486221
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.0 39.0
 123 9.8 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

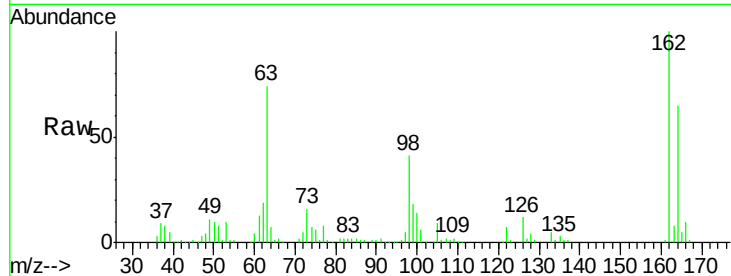




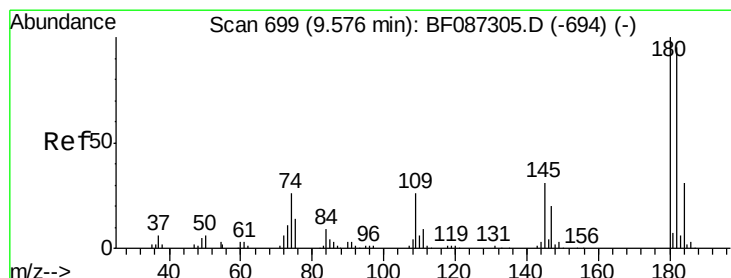
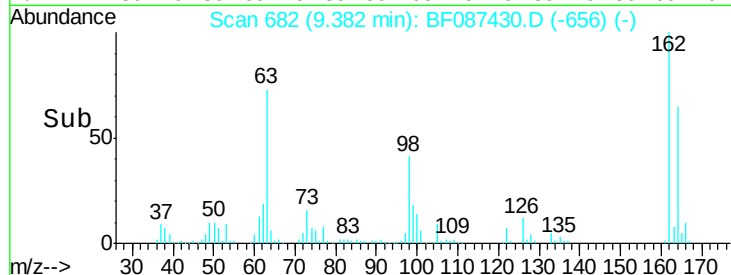
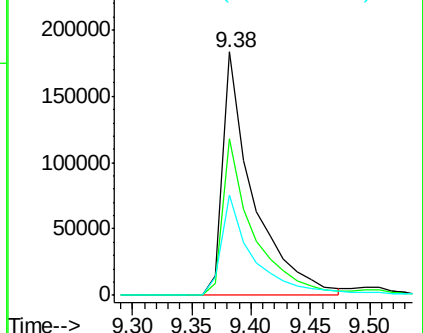
#29
 2,4-Dichlorophenol
 Concen: 38.61 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.00 min
 Lab File: BF087430.D
 Acq: 27 May 2016 4:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	42.2	82.2
98	41.1	19.0	59.0

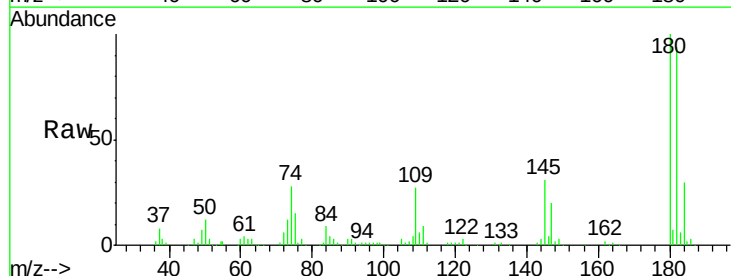


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

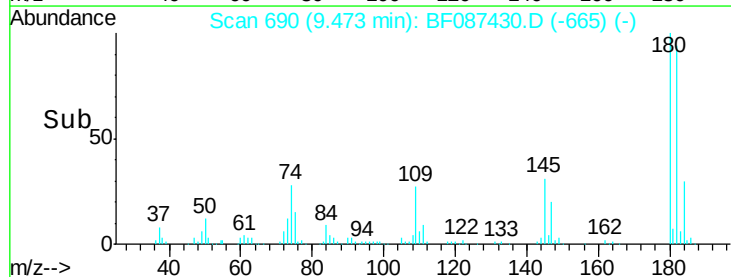
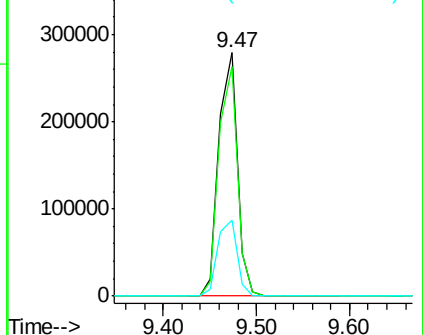


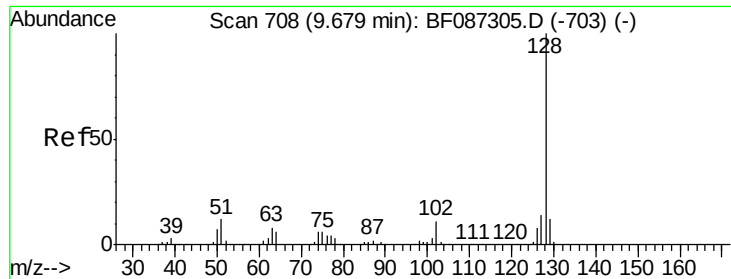
#30
 1,2,4-Trichlorobenzene
 Concen: 39.96 ng
 RT: 9.47 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF087430.D
 Acq: 27 May 2016 4:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	78.0	117.0
145	31.2	24.2	36.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

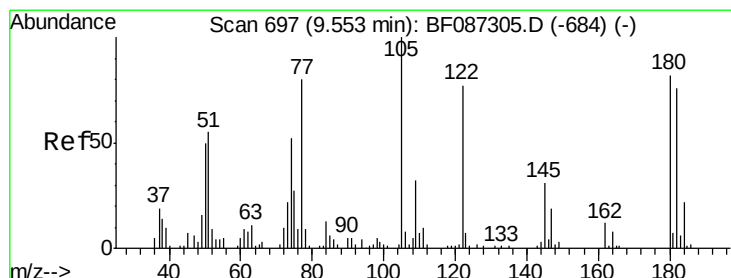
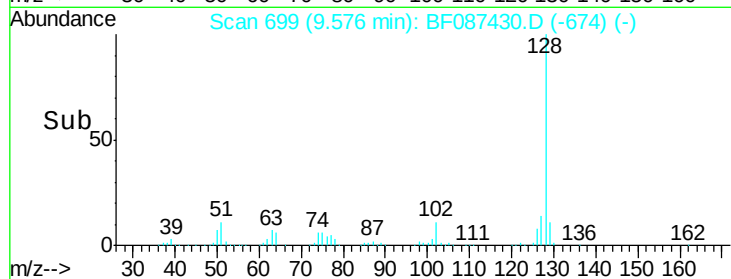
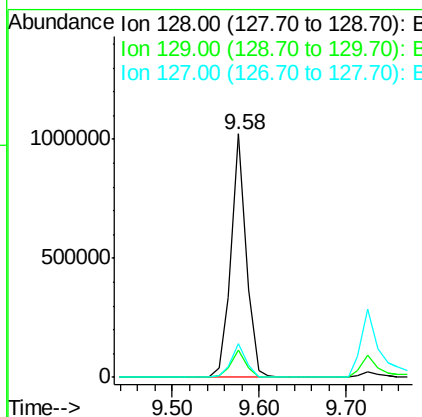
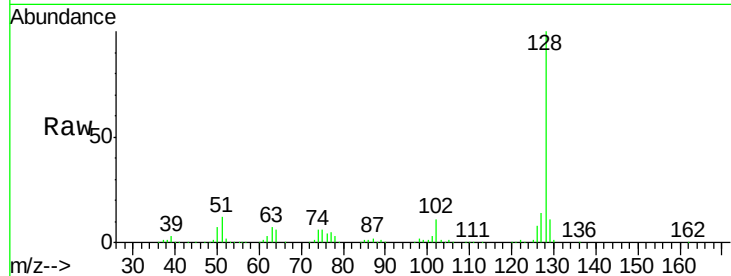




#31
Naphthalene
Concen: 39.22 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF087430.D
Acq: 27 May 2016 4:21

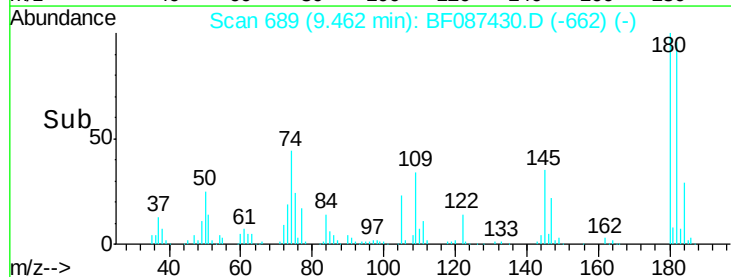
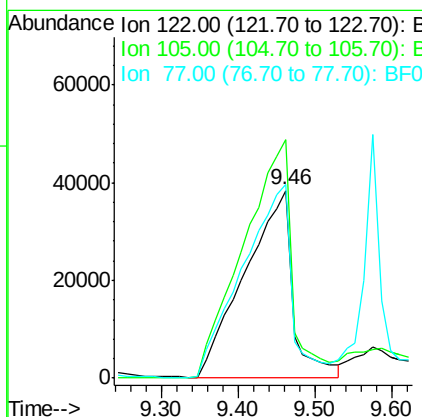
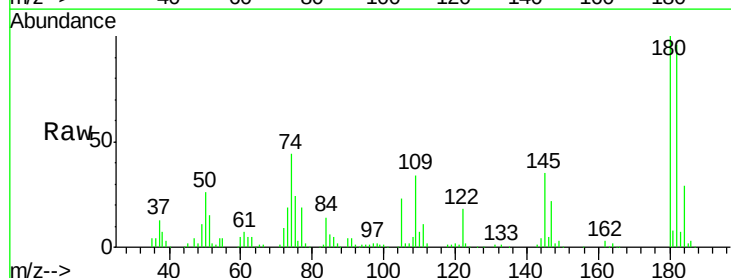
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

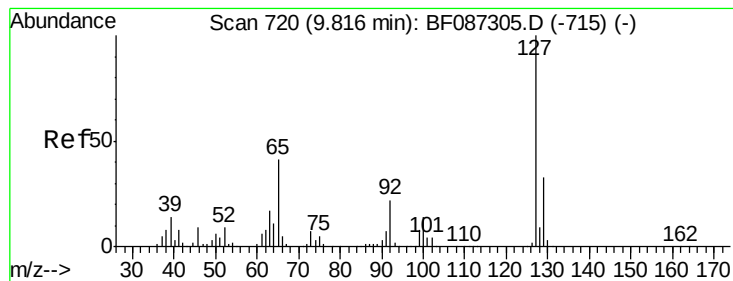
Tgt Ion:128 Resp: 1240953
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 36.18 ng
RT: 9.46 min Scan# 689
Delta R.T. 0.01 min
Lab File: BF087430.D
Acq: 27 May 2016 4:21

Tgt Ion:122 Resp: 166940
Ion Ratio Lower Upper
122 100
105 127.3 92.6 132.6
77 103.0 60.0 100.0#





#33

4-Chloroaniline

Concen: 41.19 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 480025

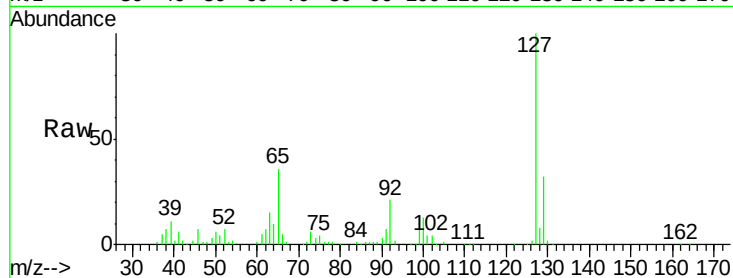
Ion Ratio Lower Upper

127 100

129 32.1 26.2 39.4

65 35.9 23.0 34.4#

92 20.9 15.1 22.7

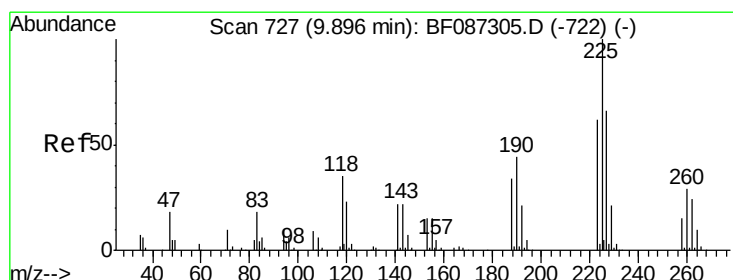
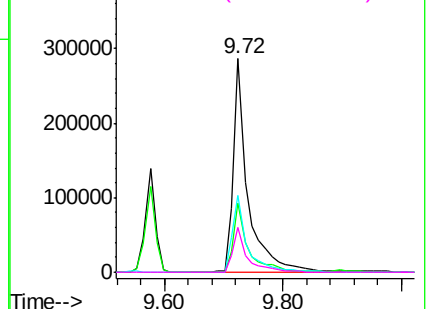
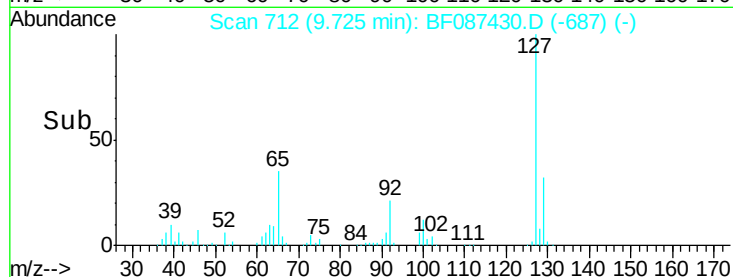


Abundance Ion 127.00 (126.70 to 127.70): E

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: 38.86 ng

RT: 9.79 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

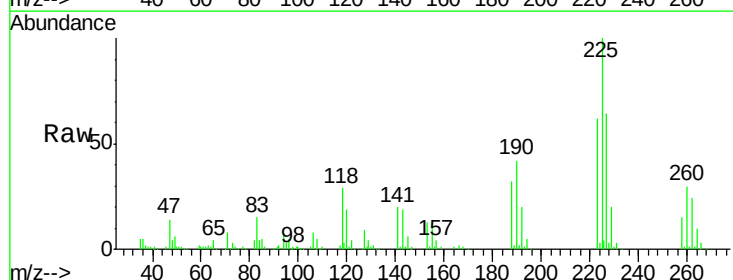
Tgt Ion:225 Resp: 228677

Ion Ratio Lower Upper

225 100

223 62.0 51.5 77.3

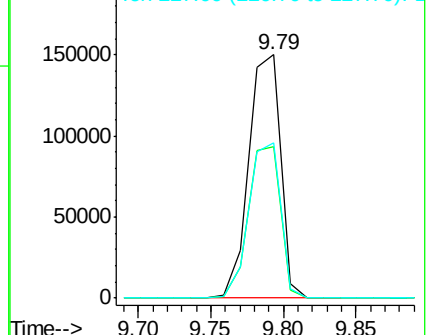
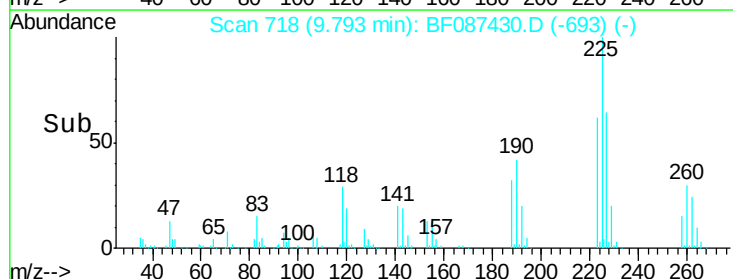
227 64.0 52.2 78.2

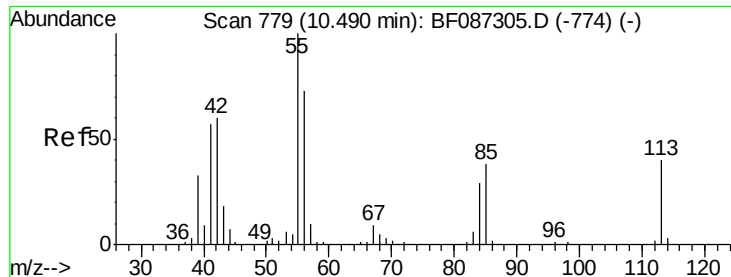


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

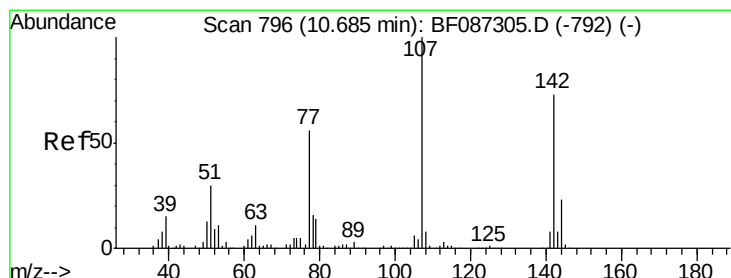
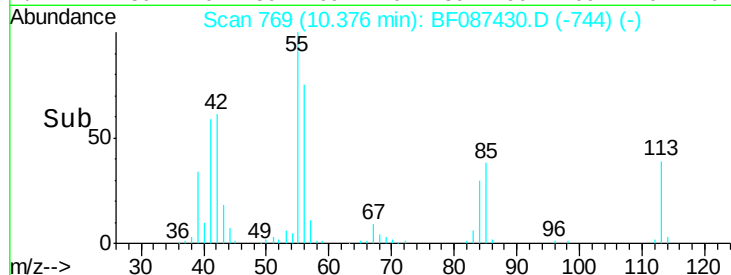
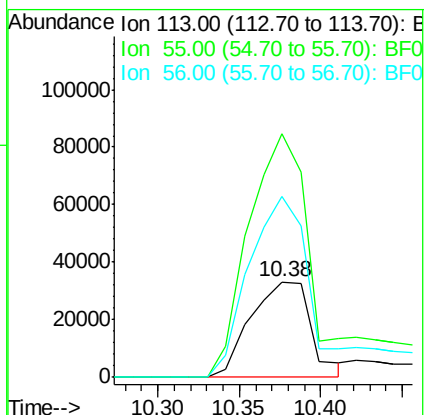
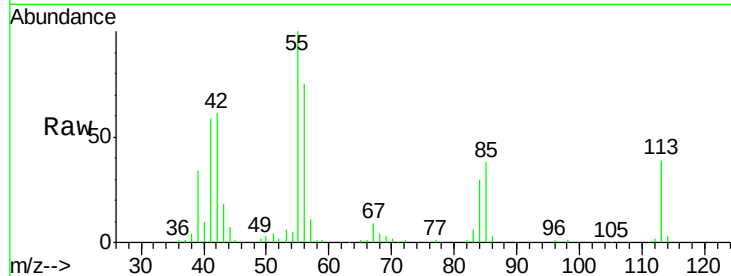




#35
 Caprolactam
 Concen: 34.64 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF087430.D
 Acq: 27 May 2016 4:21

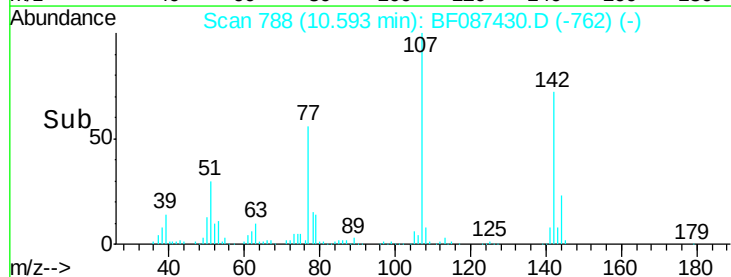
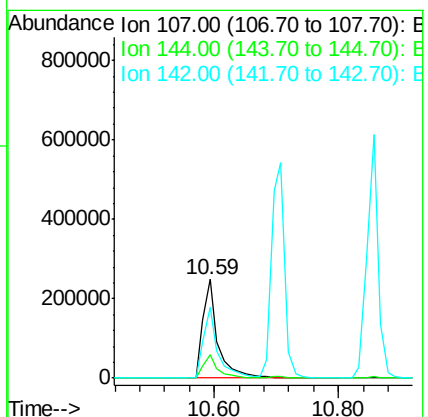
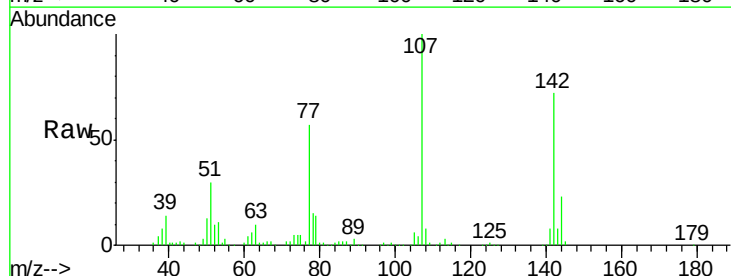
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

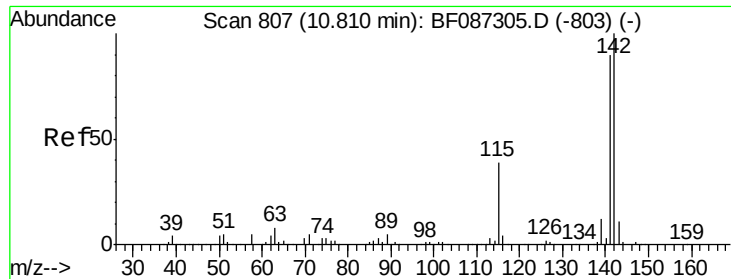
Tgt Ion:113 Resp: 85498
 Ion Ratio Lower Upper
 113 100
 55 255.3 162.0 202.0#
 56 190.3 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 43.68 ng
 RT: 10.59 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF087430.D
 Acq: 27 May 2016 4:21

Tgt Ion:107 Resp: 417675
 Ion Ratio Lower Upper
 107 100
 144 23.2 20.7 31.1
 142 71.7 63.2 94.8

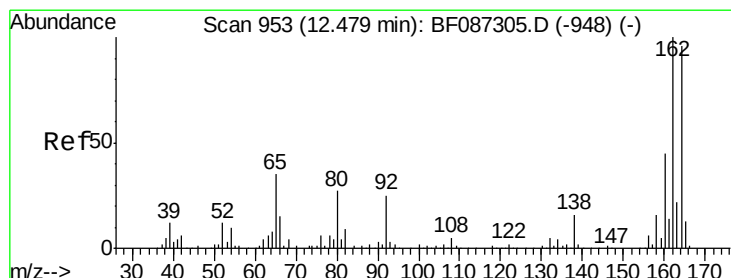
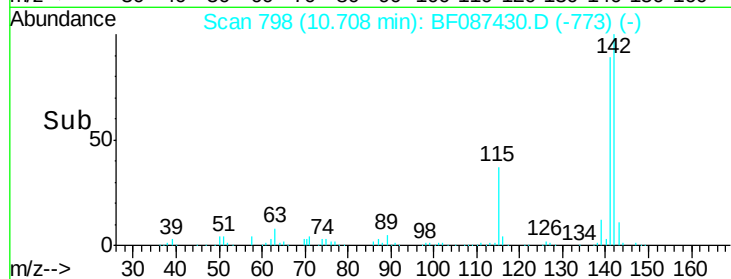
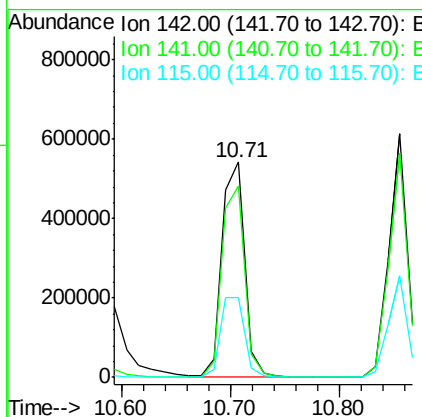
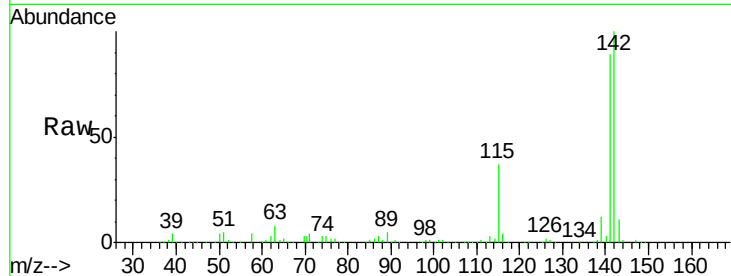




#37
 2-Methylnaphthalene
 Concen: 39.89 ng
 RT: 10.71 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF087430.D
 Acq: 27 May 2016 4:21

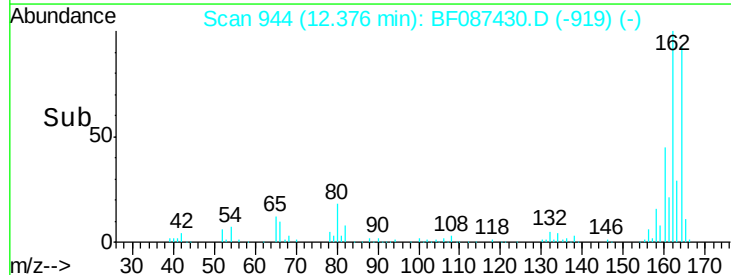
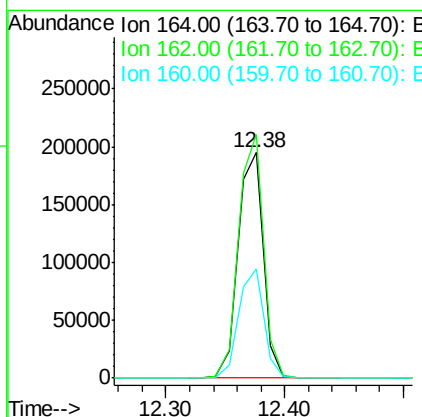
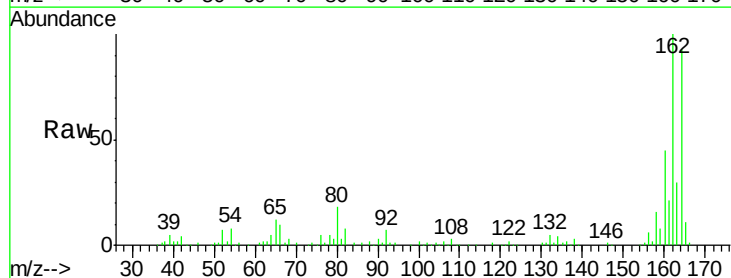
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

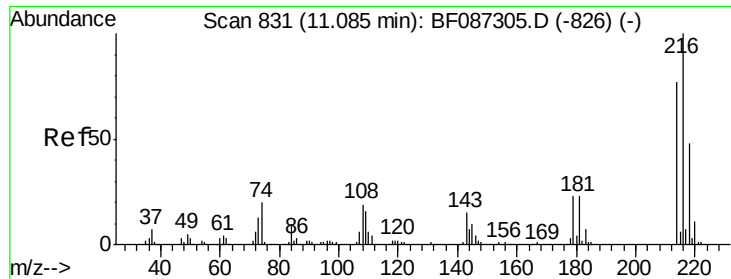
Tgt Ion:142 Resp: 788442
 Ion Ratio Lower Upper
 142 100
 141 89.1 71.0 106.6
 115 37.4 26.6 39.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.38 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF087430.D
 Acq: 27 May 2016 4:21

Tgt Ion:164 Resp: 289379
 Ion Ratio Lower Upper
 164 100
 162 108.1 82.8 124.2
 160 48.6 36.9 55.3

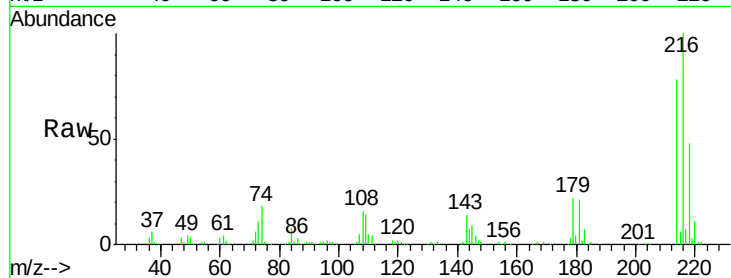




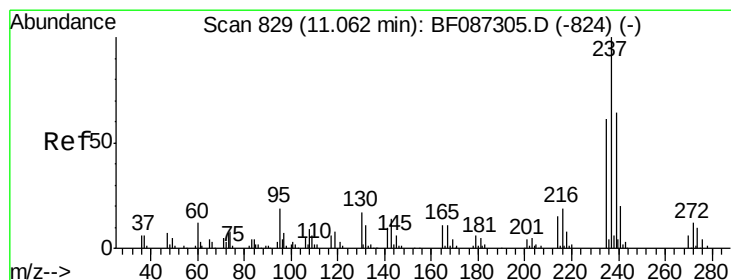
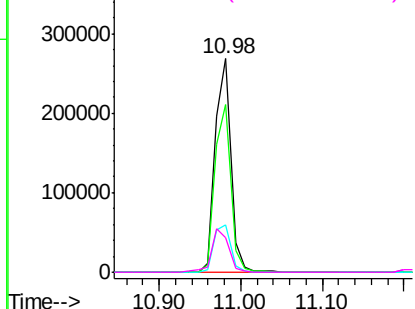
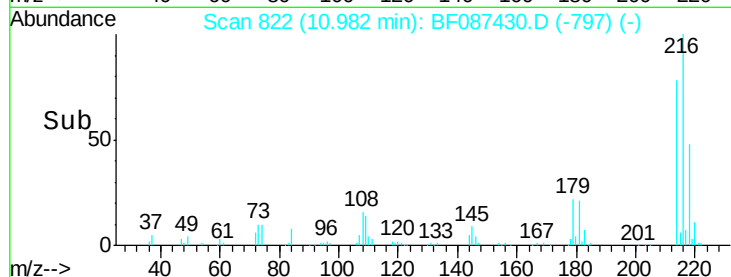
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.95 ng
 RT: 10.98 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF087430.D
 Acq: 27 May 2016 4:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 216 Resp: 360793
 Ion Ratio Lower Upper
 216 100
 214 79.3 62.6 93.8
 179 23.7 18.2 27.4
 108 22.2 17.5 26.3

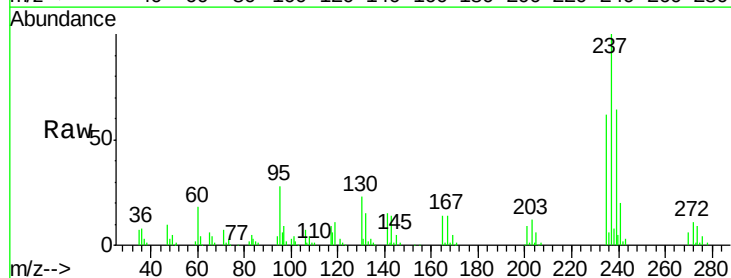


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

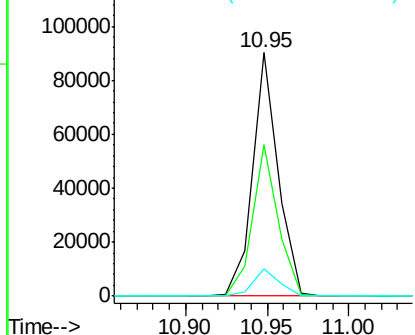
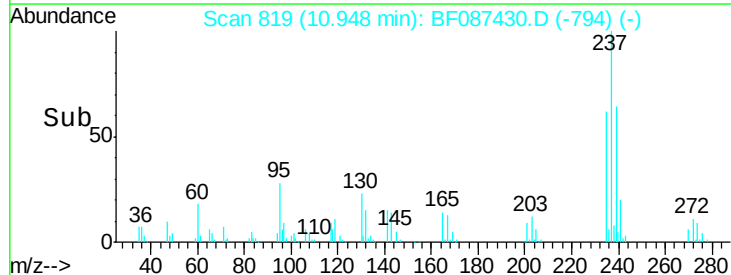


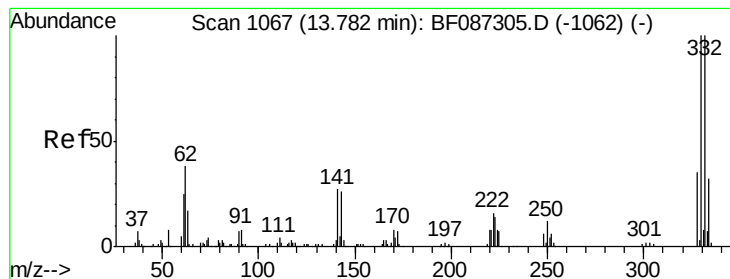
#40
 Hexachlorocyclopentadiene
 Concen: 32.10 ng
 RT: 10.95 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF087430.D
 Acq: 27 May 2016 4:21

Tgt Ion: 237 Resp: 97894
 Ion Ratio Lower Upper
 237 100
 235 62.4 47.2 87.2
 272 11.4 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: 77.51 ng

RT: 13.67 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

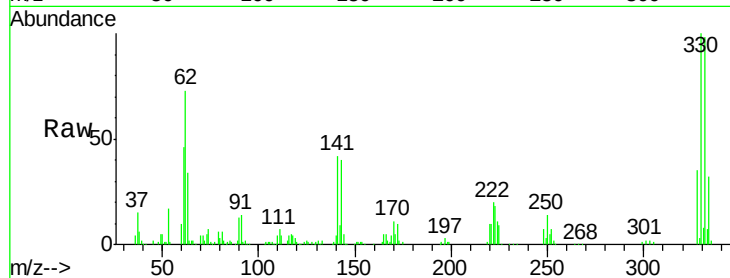
Tgt Ion:330 Resp: 21542

Ion Ratio Lower Upper

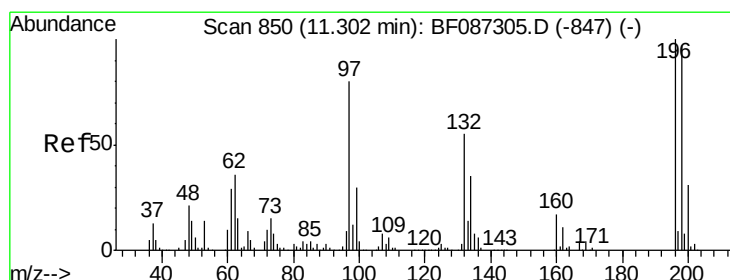
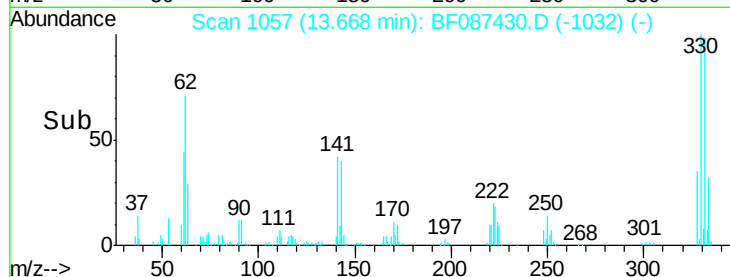
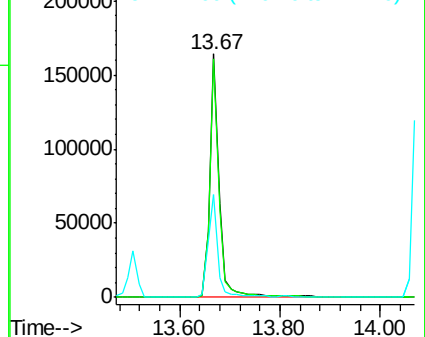
330 100

332 96.7 79.0 118.4

141 43.3 31.2 46.8



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



#42

2,4,6-Trichlorophenol

Concen: 39.38 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

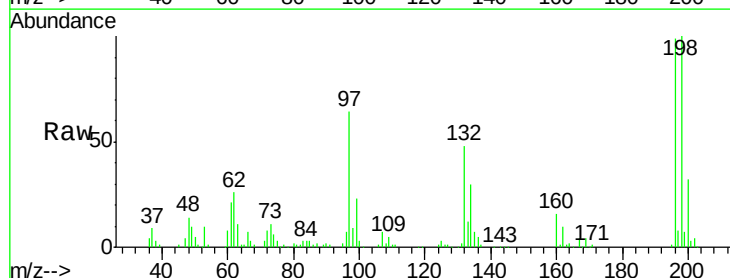
Tgt Ion:196 Resp: 210574

Ion Ratio Lower Upper

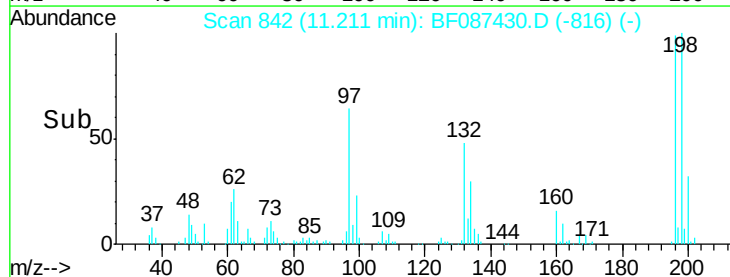
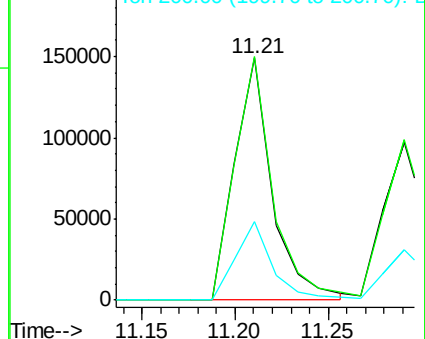
196 100

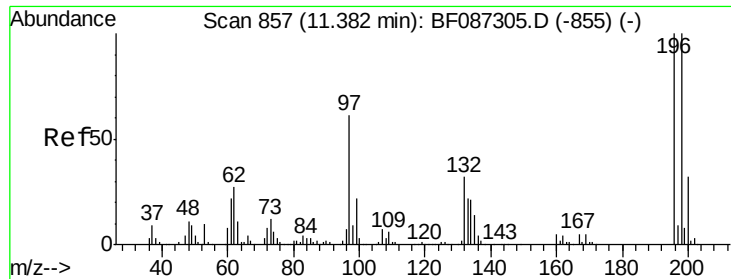
198 100.7 74.7 112.1

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

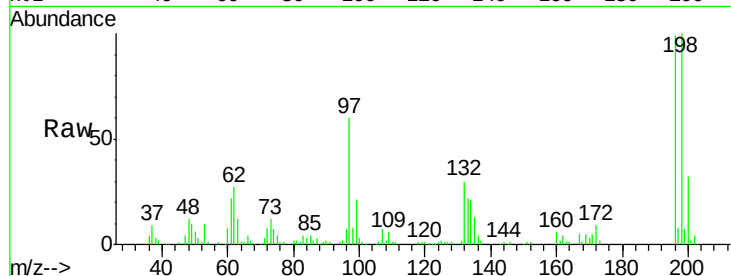




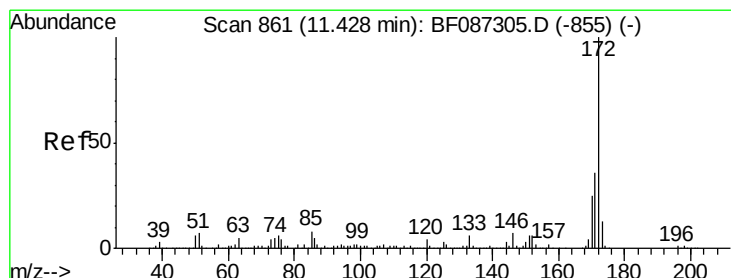
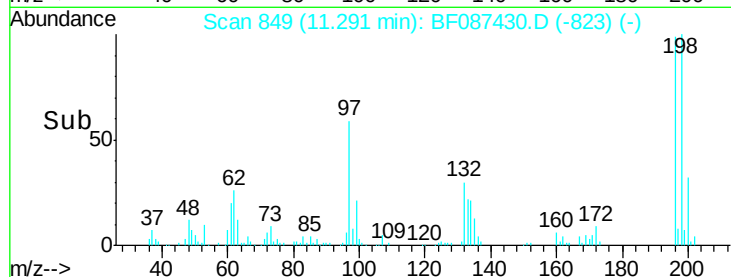
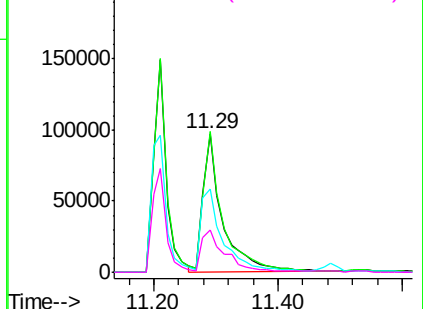
#43
 2,4,5-Trichlorophenol
 Concen: 39.05 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BF087430.D
 Acq: 27 May 2016 4:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.1	77.5	116.3
97	60.5	34.8	52.2
132	30.5	23.0	34.4

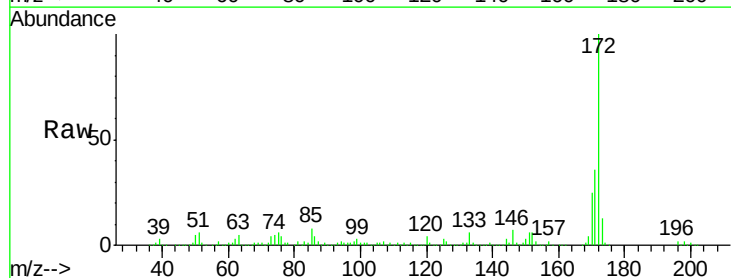


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

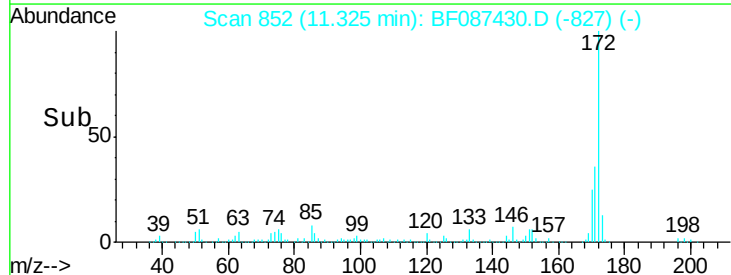
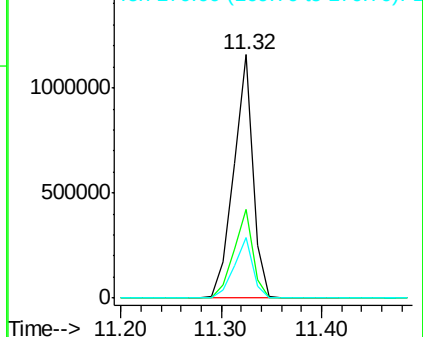


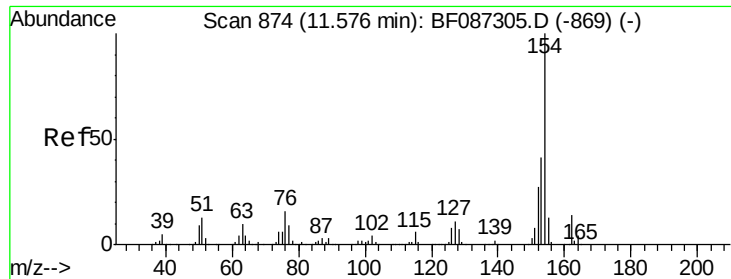
#44
 2-Fluorobiphenyl
 Concen: 74.97 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BF087430.D
 Acq: 27 May 2016 4:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.7	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

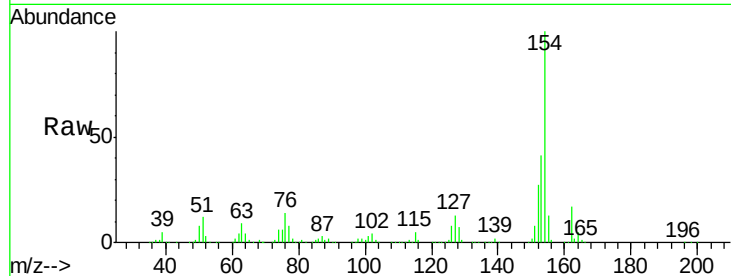




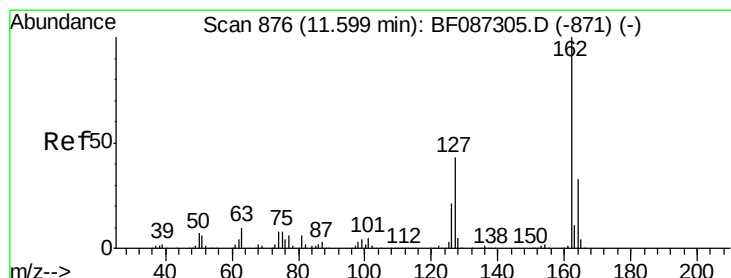
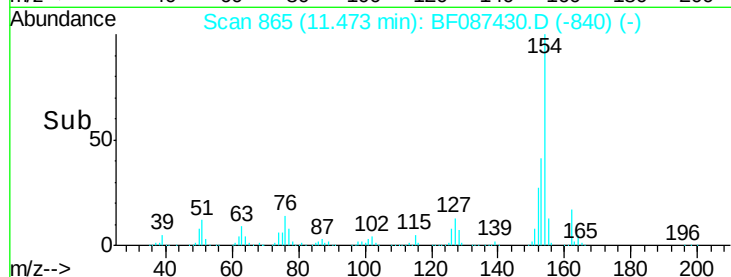
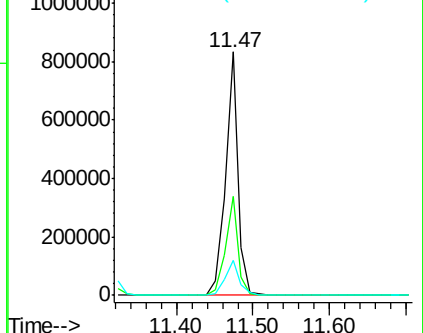
#45
 1,1'-Biphenyl
 Concen: 39.35 ng
 RT: 11.47 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: BF087430.D
 Acq: 27 May 2016 4:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 958698
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.3 60.3
 76 14.1 0.0 30.2

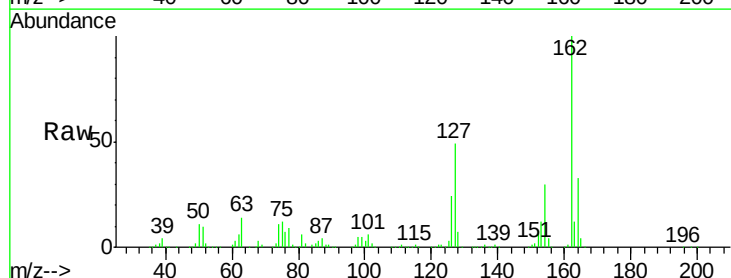


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

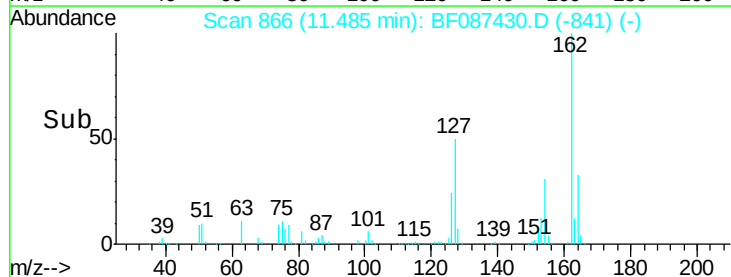
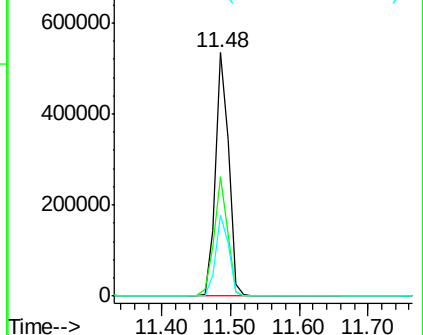


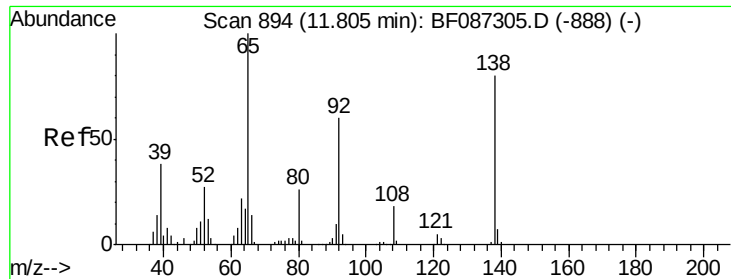
#46
 2-Chloronaphthalene
 Concen: 39.19 ng
 RT: 11.48 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: BF087430.D
 Acq: 27 May 2016 4:21

Tgt Ion:162 Resp: 730428
 Ion Ratio Lower Upper
 162 100
 127 48.9 31.8 47.6#
 164 33.1 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

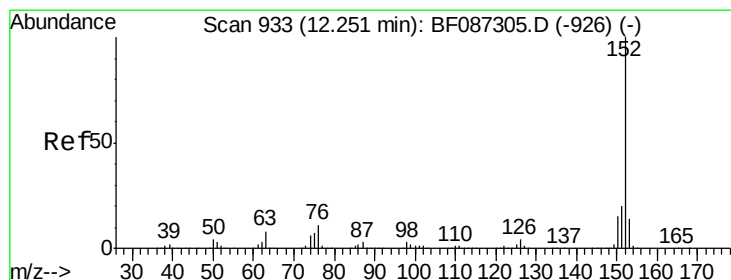
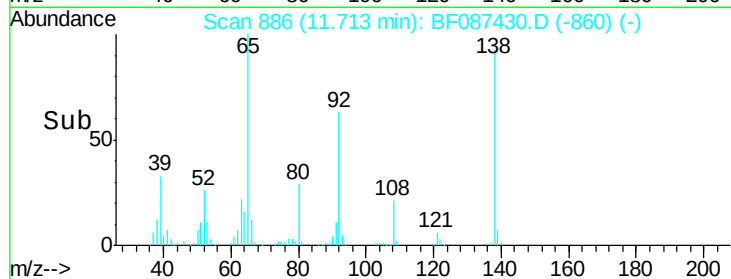
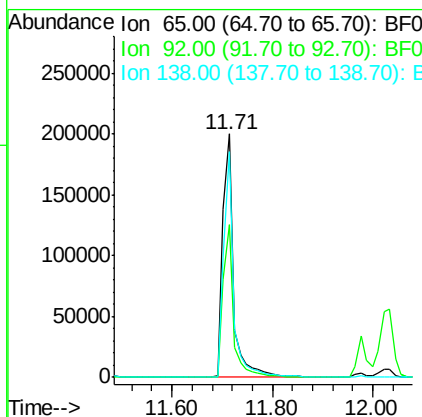
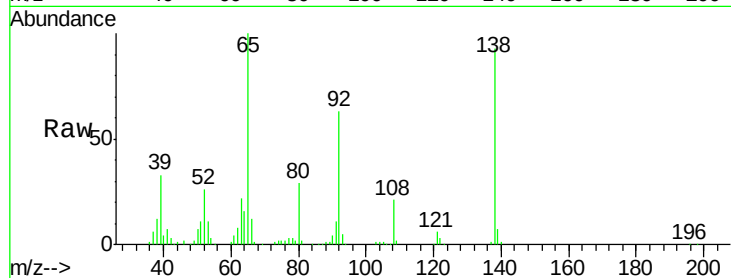




#47
 2-Nitroaniline
 Concen: 44.79 ng
 RT: 11.71 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: BF087430.D
 Acq: 27 May 2016 4:21

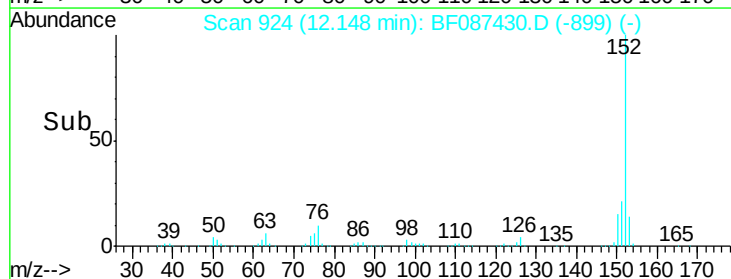
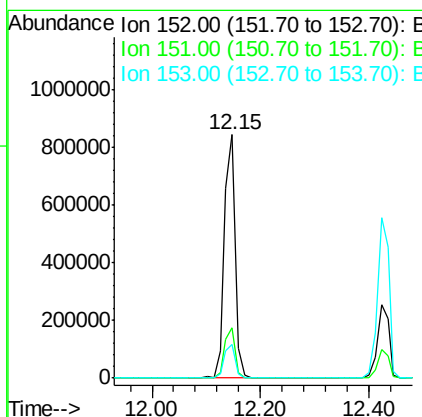
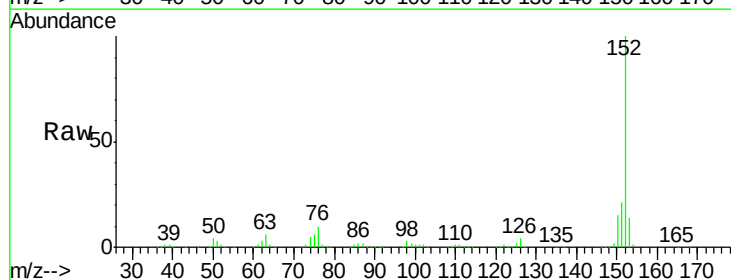
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

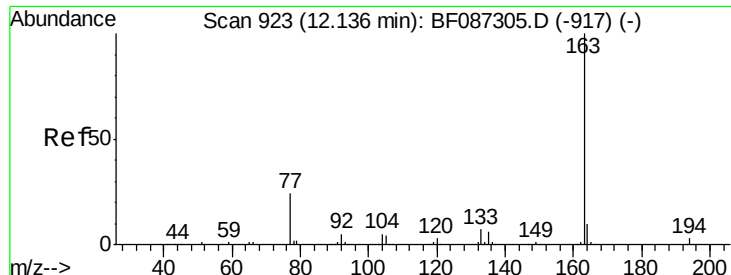
Tgt Ion: 65 Resp: 300788
 Ion Ratio Lower Upper
 65 100
 92 63.0 57.4 86.2
 138 92.9 90.1 135.1



#48
 Acenaphthylene
 Concen: 40.27 ng
 RT: 12.15 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BF087430.D
 Acq: 27 May 2016 4:21

Tgt Ion: 152 Resp: 1188347
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.8 25.2
 153 13.6 10.9 16.3

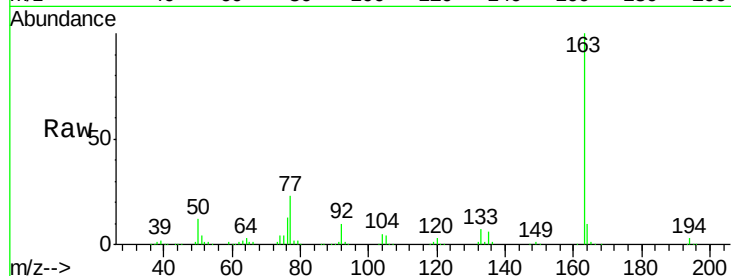




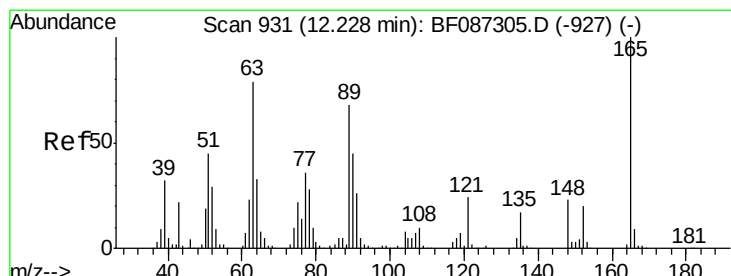
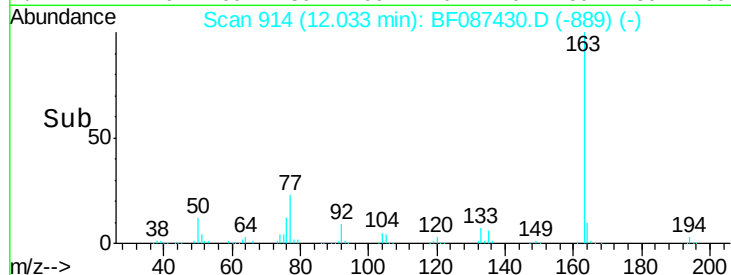
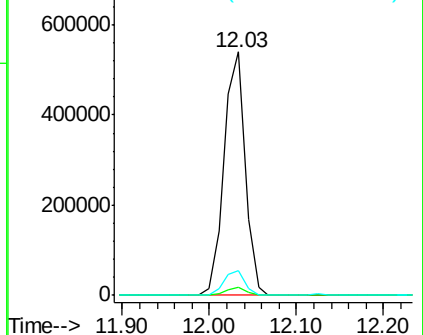
#49
Dimethylphthalate
Concen: 39.41 ng
RT: 12.03 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF087430.D
Acq: 27 May 2016 4:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 913540
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.1 8.2 12.4

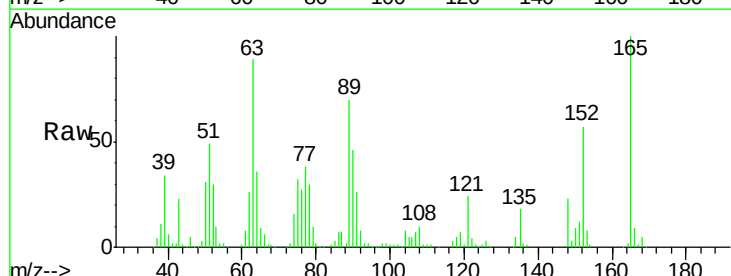


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

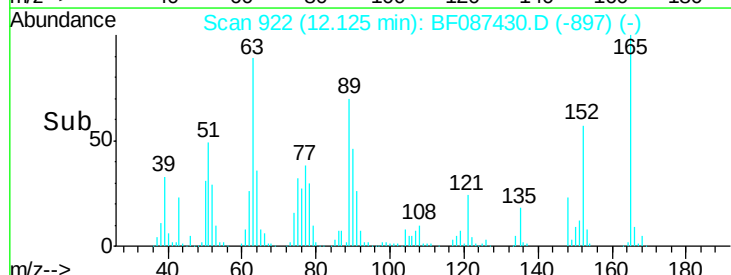
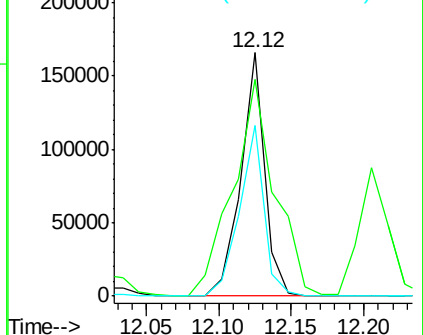


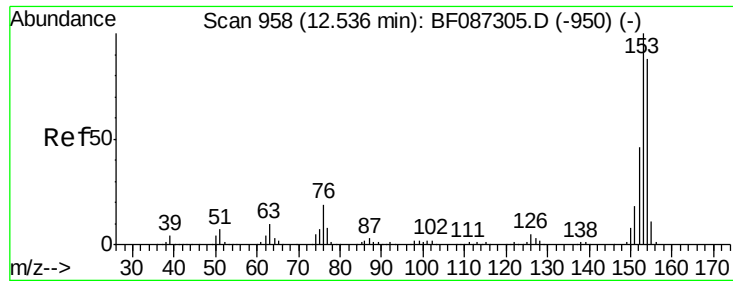
#50
2,6-Dinitrotoluene
Concen: 40.41 ng
RT: 12.12 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF087430.D
Acq: 27 May 2016 4:21

Tgt Ion:165 Resp: 188753
Ion Ratio Lower Upper
165 100
63 88.9 51.8 77.8#
89 70.1 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: 39.83 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

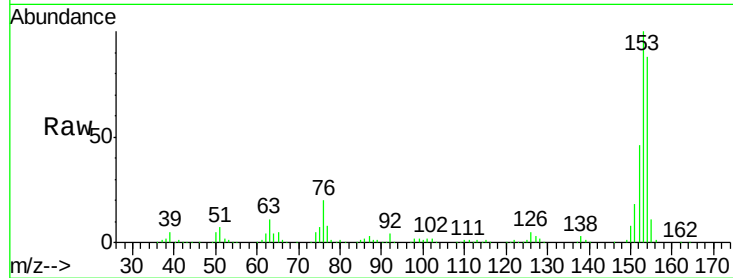
Tgt Ion:154 Resp: 722448

Ion Ratio Lower Upper

154 100

153 113.8 89.8 134.6

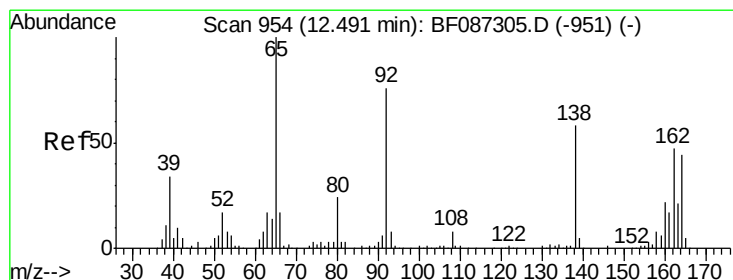
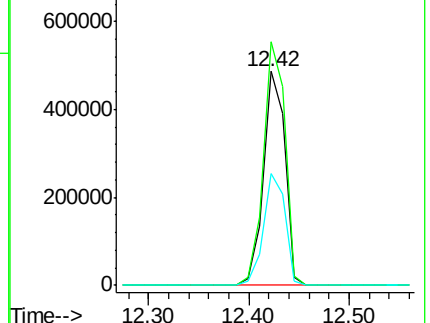
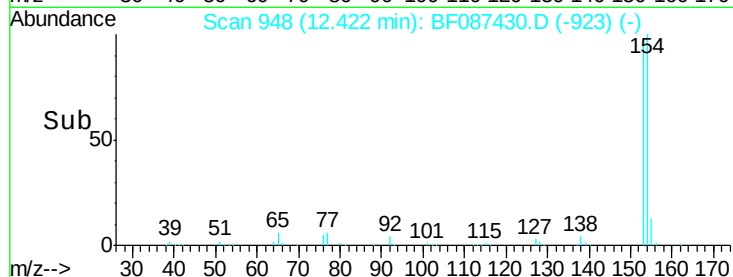
152 52.3 43.4 65.0



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: 42.11 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

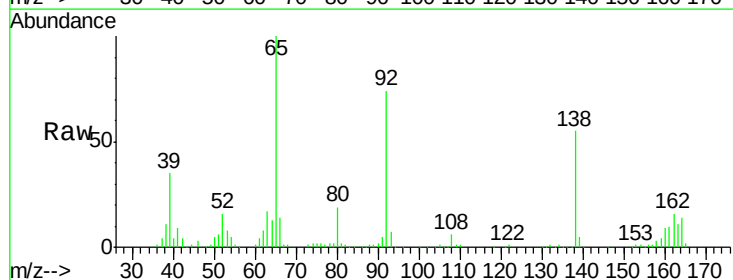
Tgt Ion:138 Resp: 201857

Ion Ratio Lower Upper

138 100

108 11.8 7.8 11.6#

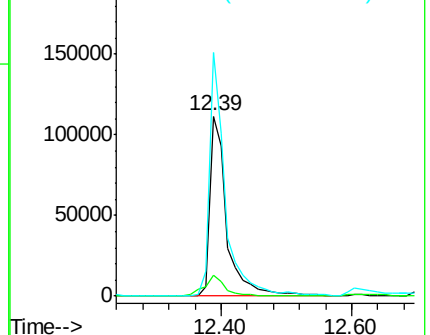
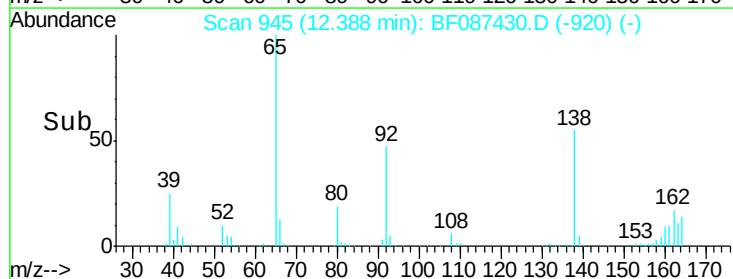
92 135.4 87.8 131.8#

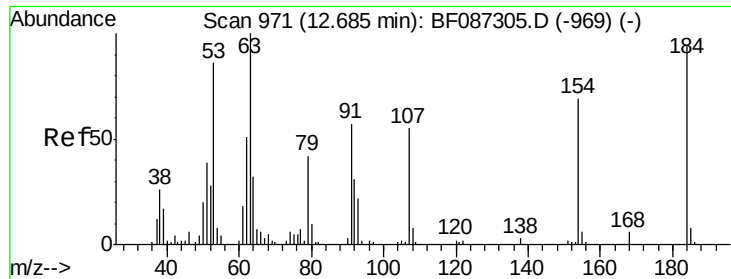


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

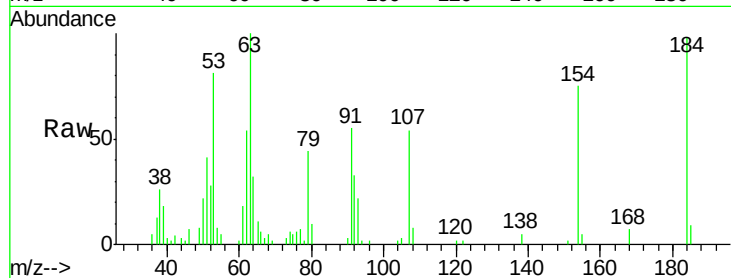




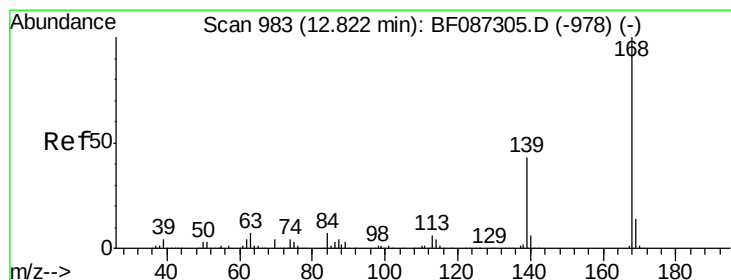
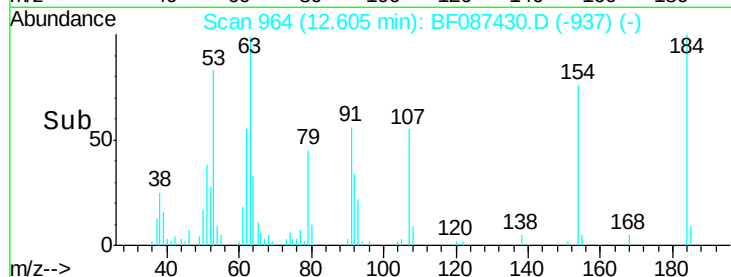
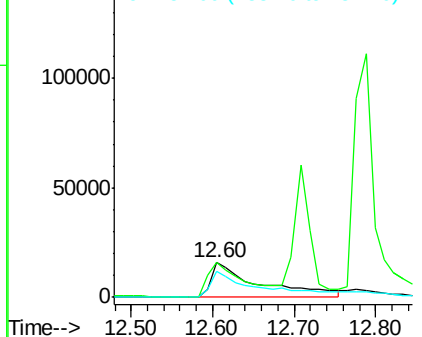
#53
2,4-Dinitrophenol
Concen: 31.78 ng
RT: 12.60 min Scan# 964
Delta R.T. 0.01 min
Lab File: BF087430.D
Acq: 27 May 2016 4:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 65701
Ion Ratio Lower Upper
184 100
63 101.6 55.8 83.8#
154 76.1 62.4 93.6

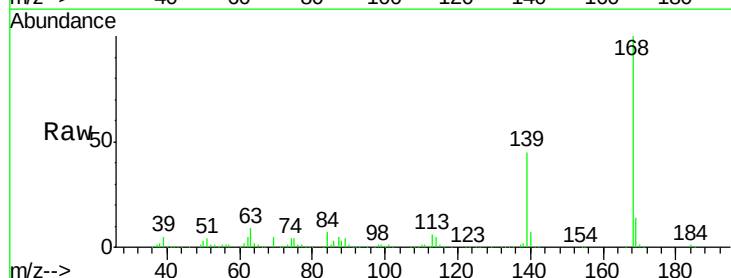


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

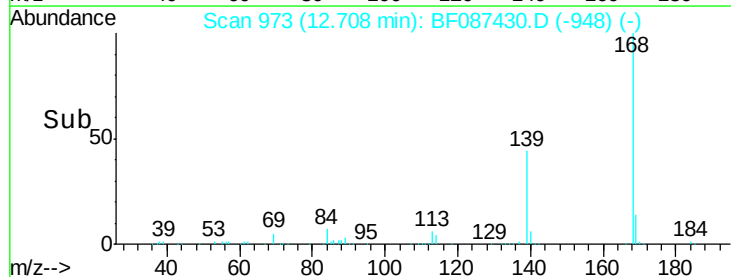
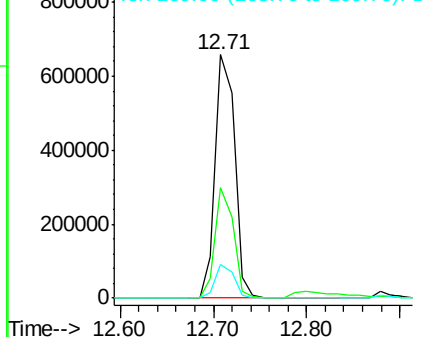


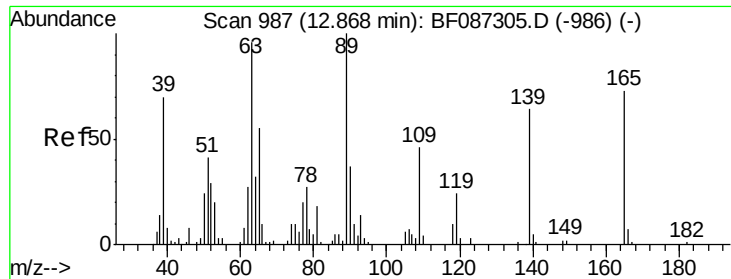
#54
Dibenzofuran
Concen: 39.03 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF087430.D
Acq: 27 May 2016 4:21

Tgt Ion:168 Resp: 958478
Ion Ratio Lower Upper
168 100
139 45.2 31.4 47.0
169 14.0 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

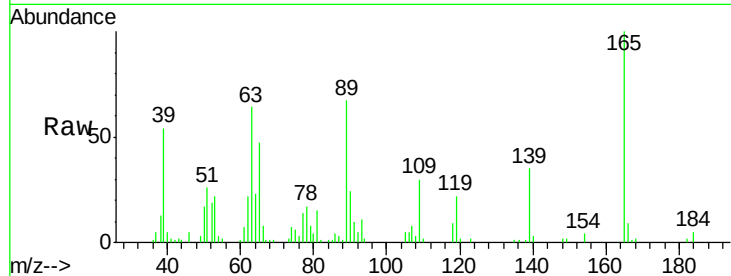




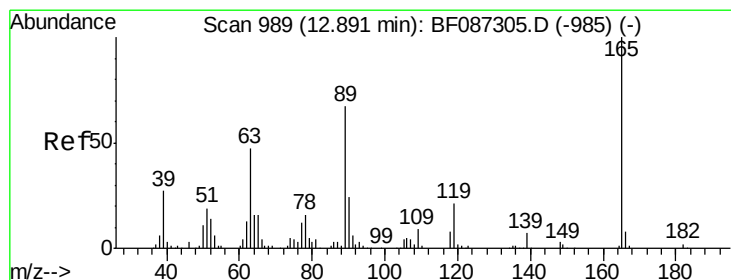
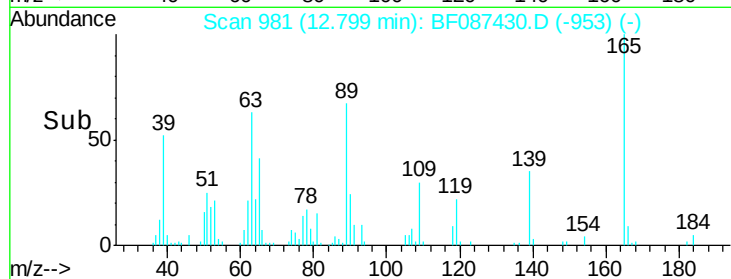
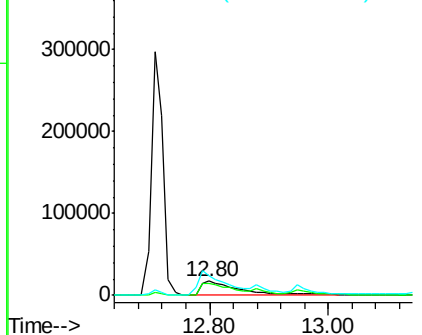
#55
4-Nitrophenol
Concen: 32.98 ng
RT: 12.80 min Scan# 981
Delta R.T. 0.02 min
Lab File: BF087430.D
Acq: 27 May 2016 4:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:139 Resp: 75428
Ion Ratio Lower Upper
139 100
109 85.5 36.9 76.9#
65 136.9 64.0 104.0#



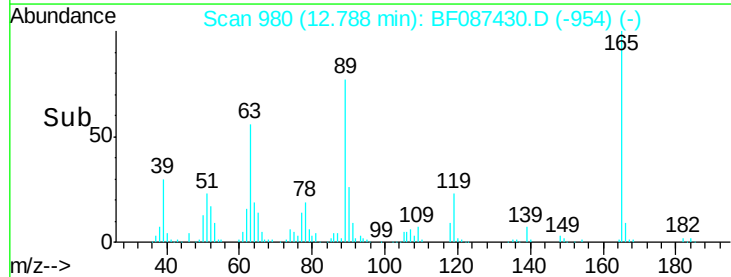
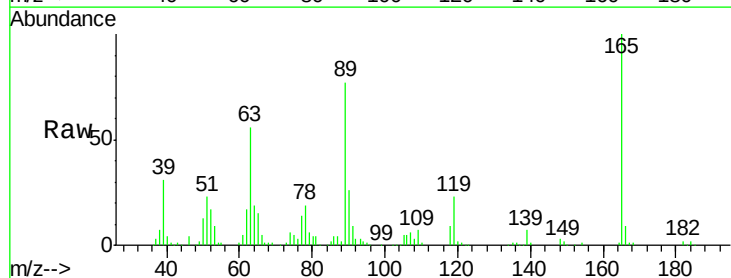
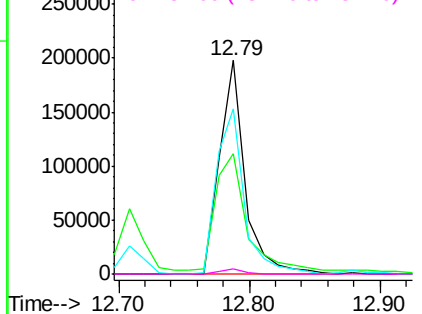
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

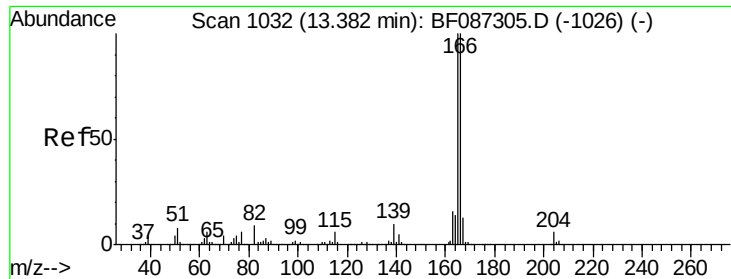


#56
2,4-Dinitrotoluene
Concen: 43.10 ng
RT: 12.79 min Scan# 980
Delta R.T. -0.00 min
Lab File: BF087430.D
Acq: 27 May 2016 4:21

Tgt Ion:165 Resp: 269087
Ion Ratio Lower Upper
165 100
63 56.2 44.3 66.5
89 77.0 70.0 105.0
182 2.2 1.8 2.6

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





#57

Fluorene

Concen: 39.26 ng

RT: 13.27 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

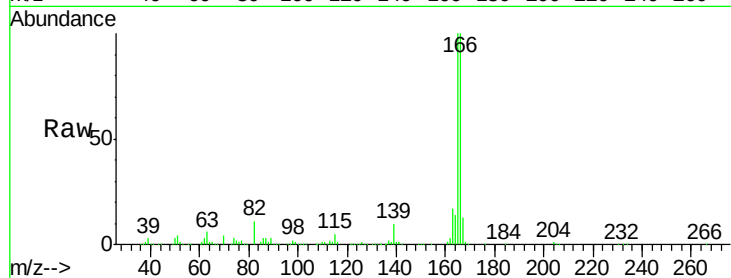
Tgt Ion:166 Resp: 835986

Ion Ratio Lower Upper

166 100

165 99.8 79.0 118.6

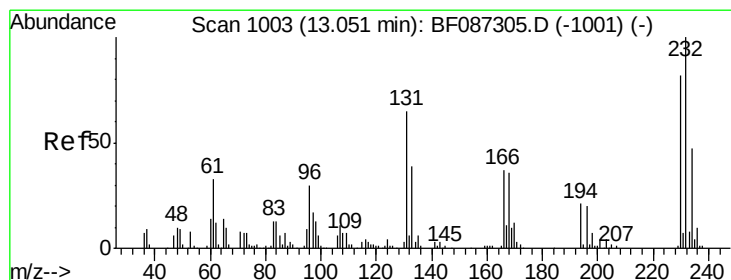
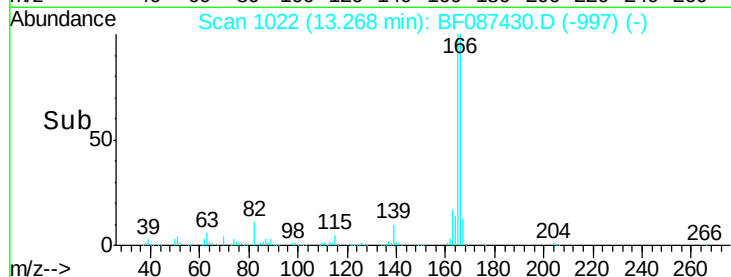
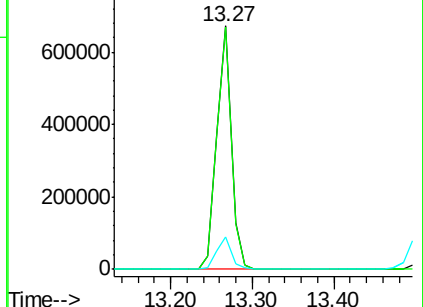
167 13.2 10.6 15.8



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: 36.45 ng

RT: 12.95 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

Tgt Ion:232 Resp: 152687

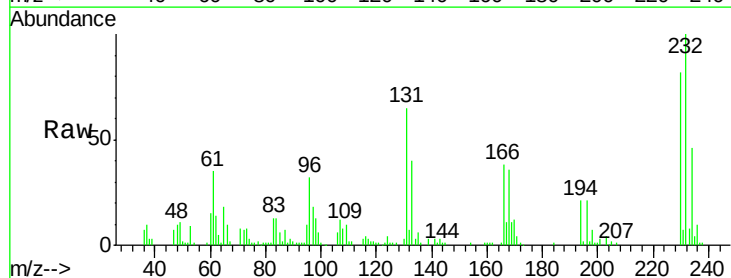
Ion Ratio Lower Upper

232 100

131 56.8 41.9 62.9

130 2.9 2.2 3.4

166 32.1 26.8 40.2

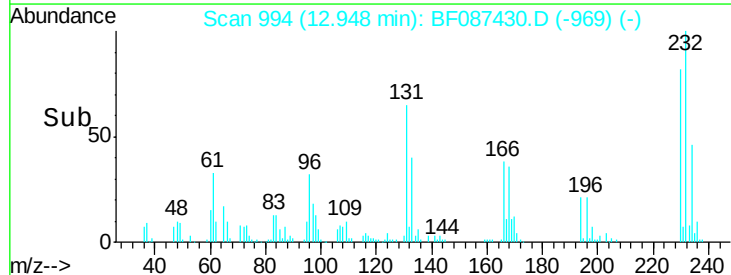
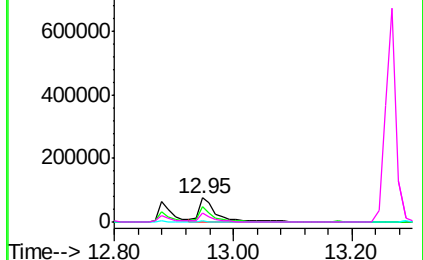


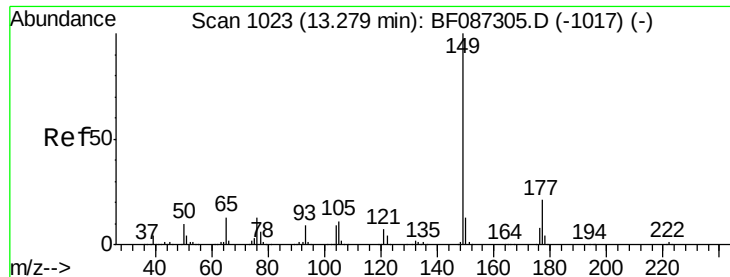
Abundance Ion 232.00 (231.70 to 232.70): E

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

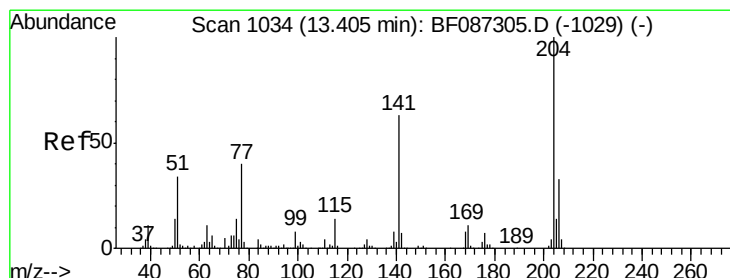
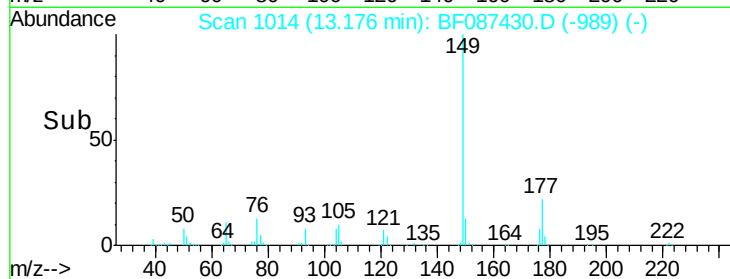
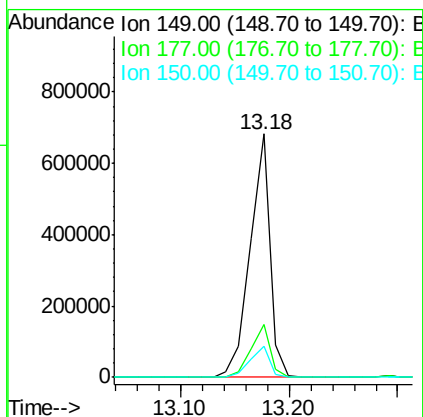
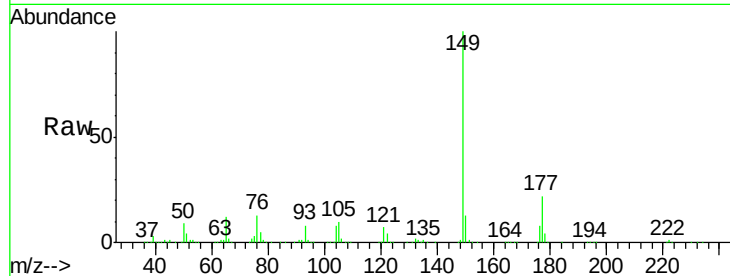




#59
Diethylphthalate
Concen: 38.67 ng
RT: 13.18 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF087430.D
Acq: 27 May 2016 4:21

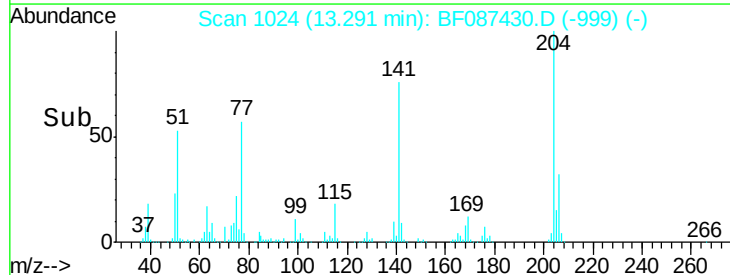
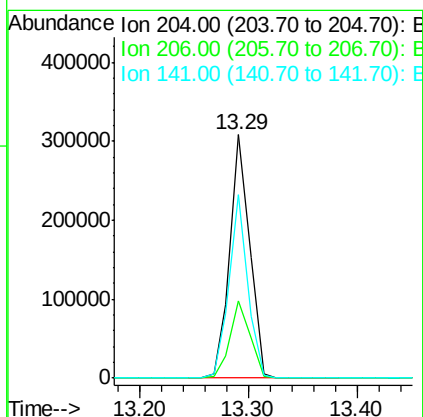
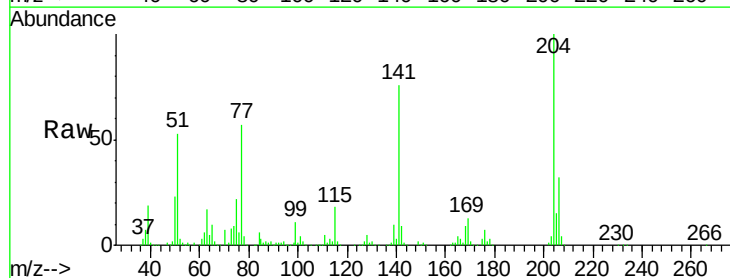
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

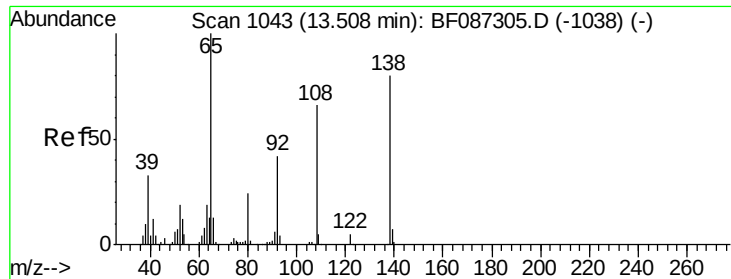
Tgt Ion:149 Resp: 871565
Ion Ratio Lower Upper
149 100
177 21.5 16.6 24.8
150 12.6 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 37.57 ng
RT: 13.29 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF087430.D
Acq: 27 May 2016 4:21

Tgt Ion:204 Resp: 390199
Ion Ratio Lower Upper
204 100
206 31.9 25.4 38.0
141 75.6 61.6 92.4

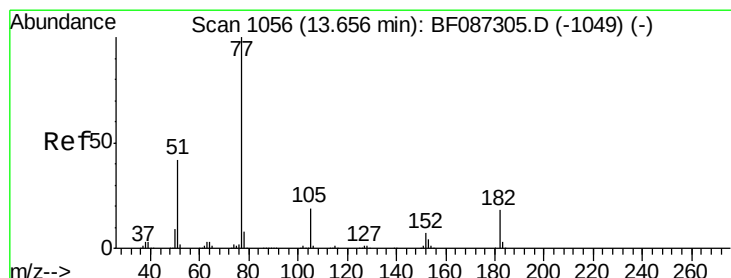
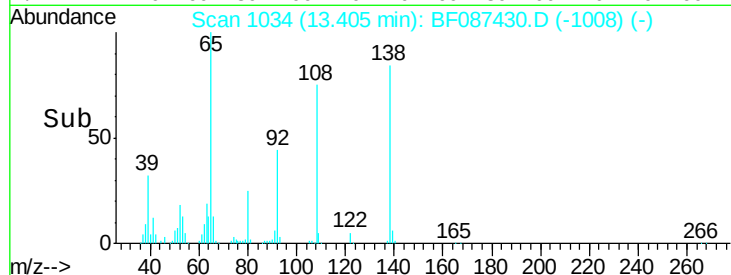
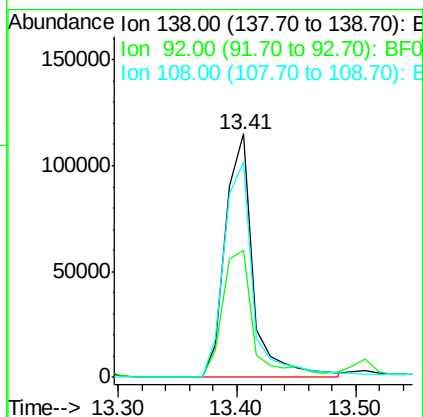
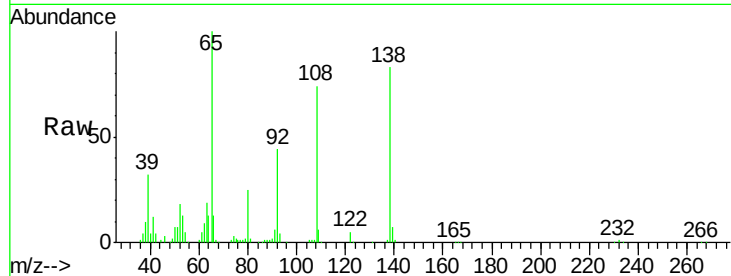




#61
4-Nitroaniline
Concen: 41.85 ng
RT: 13.41 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF087430.D
Acq: 27 May 2016 4:21

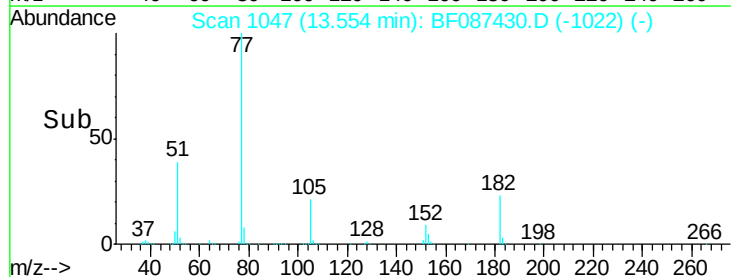
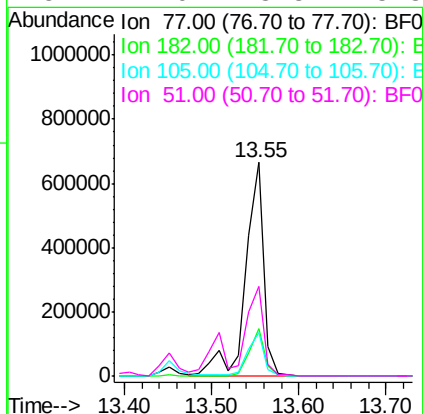
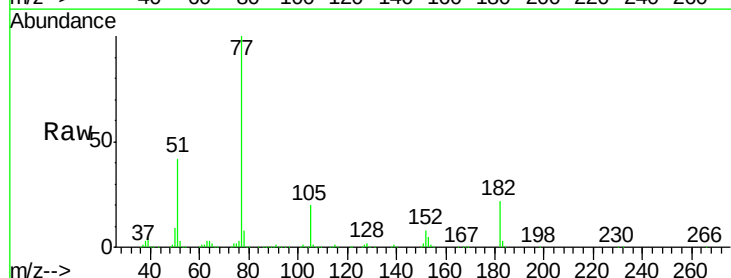
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

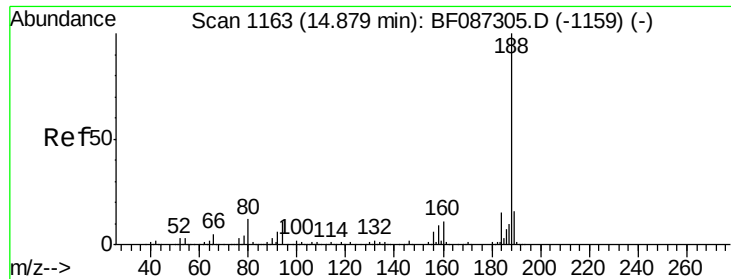
Tgt Ion:138 Resp: 187256
Ion Ratio Lower Upper
138 100
92 52.4 24.7 64.7
108 88.5 37.4 77.4#



#62
Azobenzene
Concen: 41.45 ng
RT: 13.55 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF087430.D
Acq: 27 May 2016 4:21

Tgt Ion: 77 Resp: 969191
Ion Ratio Lower Upper
77 100
182 22.4 0.0 38.8
105 20.5 3.2 43.2
51 42.0 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: BF087430.D

Acq: 27 May 2016 4:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

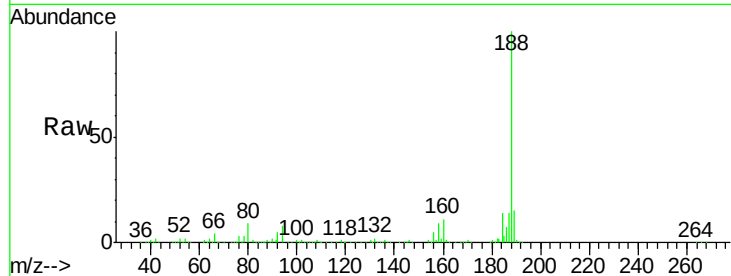
Tgt Ion:188 Resp: 549198

Ion Ratio Lower Upper

188 100

94 8.5 6.8 10.2

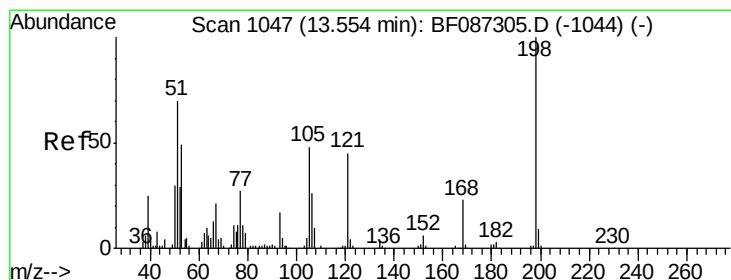
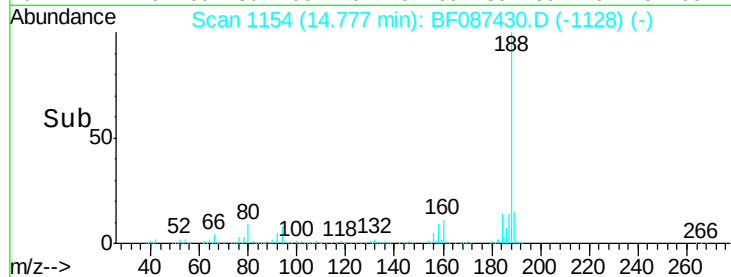
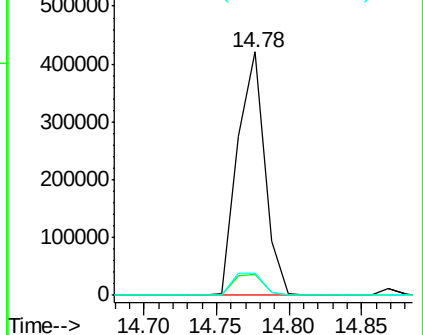
80 8.9 7.1 10.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 38.31 ng

RT: 13.45 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

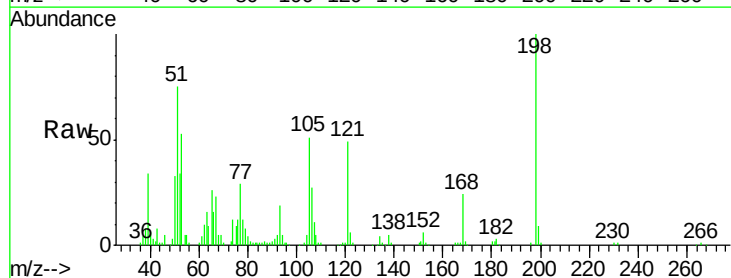
Tgt Ion:198 Resp: 133795

Ion Ratio Lower Upper

198 100

51 74.8 20.5 60.5#

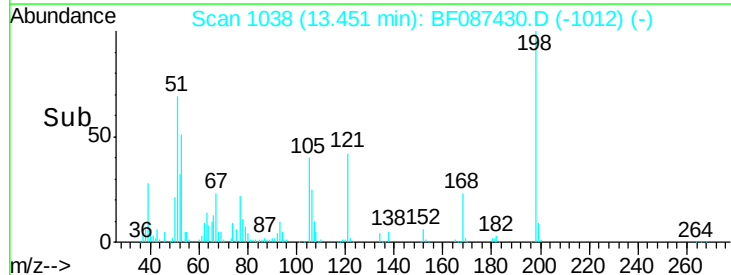
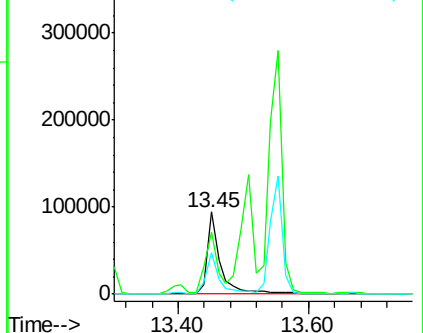
105 50.7 24.5 64.5

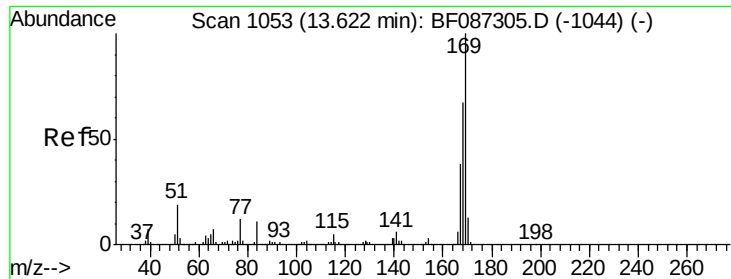


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

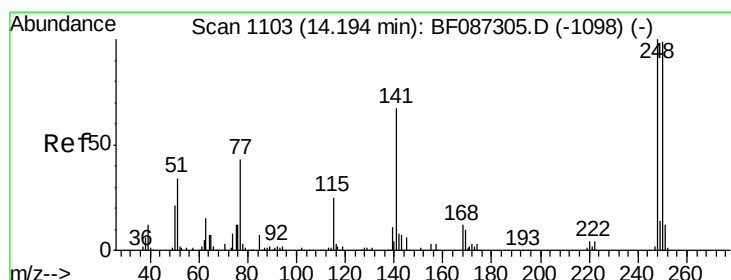
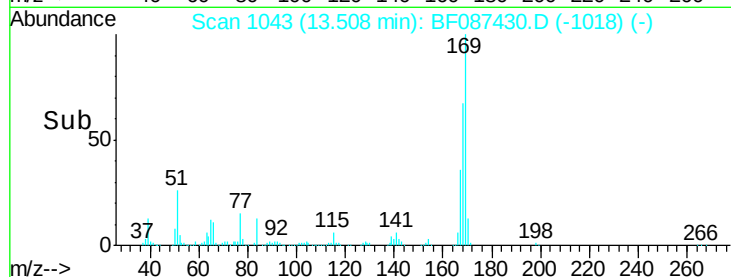
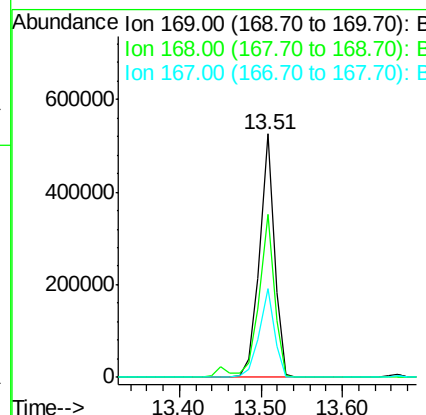
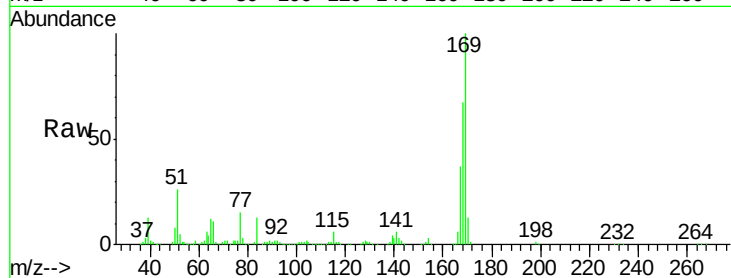




#65
n-Nitrosodiphenylamine
Concen: 37.88 ng
RT: 13.51 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF087430.D
Acq: 27 May 2016 4:21

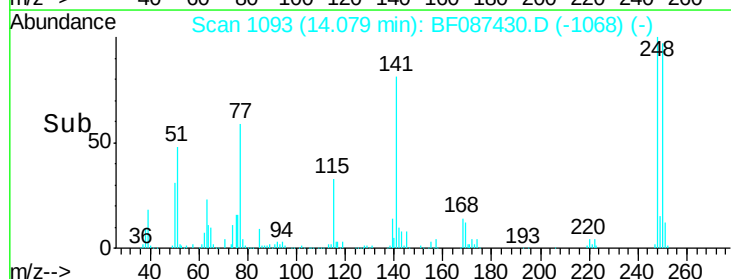
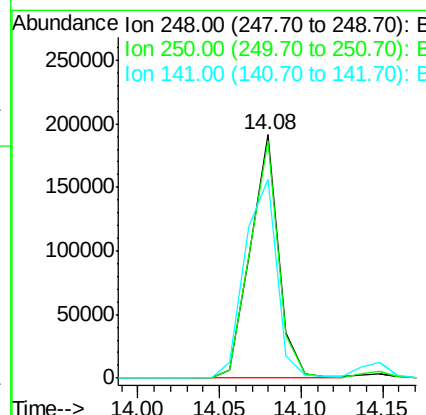
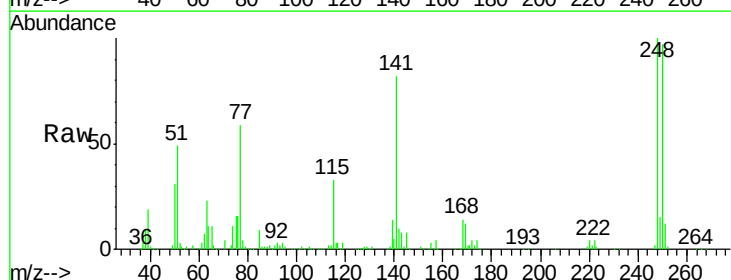
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

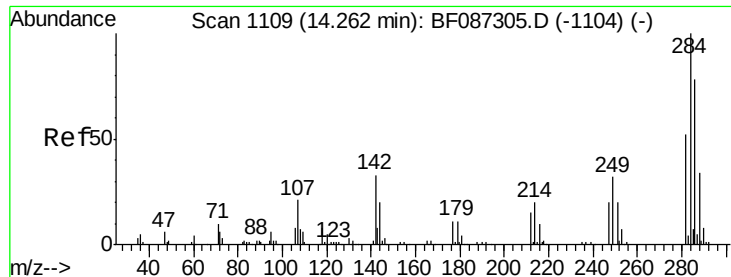
Tgt Ion:169 Resp: 672843
Ion Ratio Lower Upper
169 100
168 67.0 53.8 80.6
167 36.5 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 38.13 ng
RT: 14.08 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BF087430.D
Acq: 27 May 2016 4:21

Tgt Ion:248 Resp: 229121
Ion Ratio Lower Upper
248 100
250 97.4 78.6 117.8
141 81.9 76.0 114.0





#67

Hexachlorobenzene

Concen: 38.34 ng

RT: 14.15 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

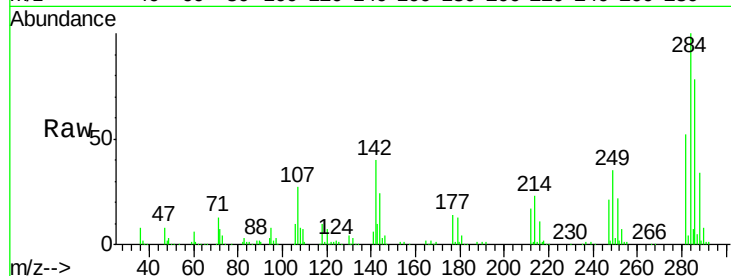
Tgt Ion: 284 Resp: 240931

Ion Ratio Lower Upper

284 100

142 40.3 16.7 25.1#

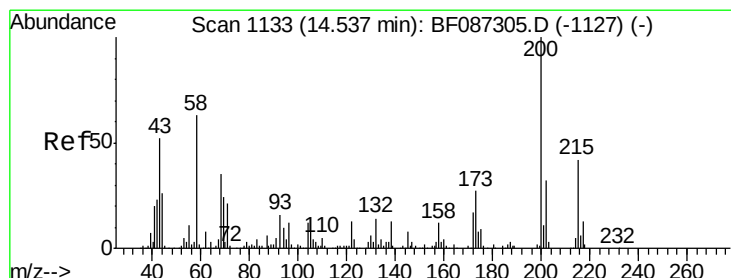
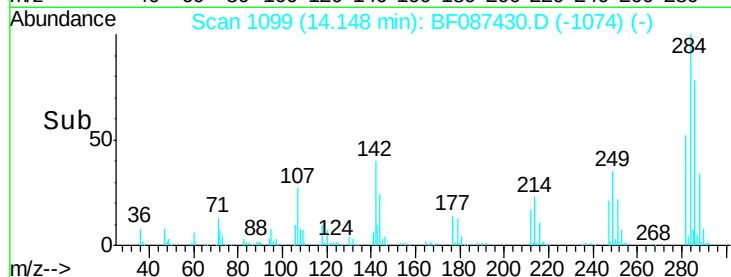
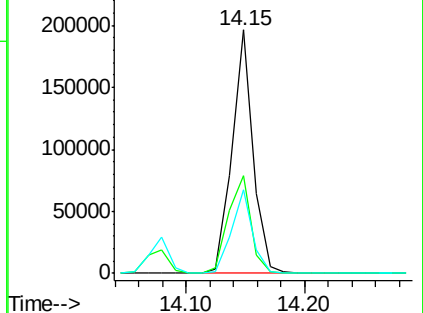
249 34.6 21.3 31.9#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 31.08 ng

RT: 14.42 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

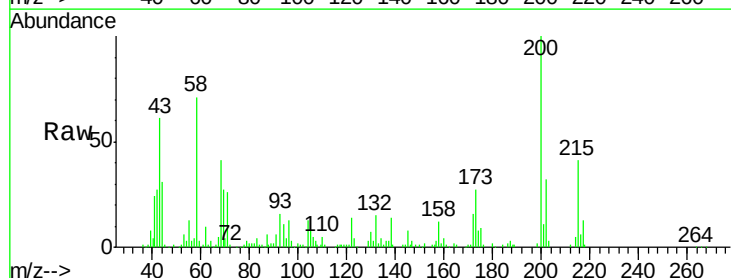
Tgt Ion: 200 Resp: 175983

Ion Ratio Lower Upper

200 100

173 26.7 8.5 48.5

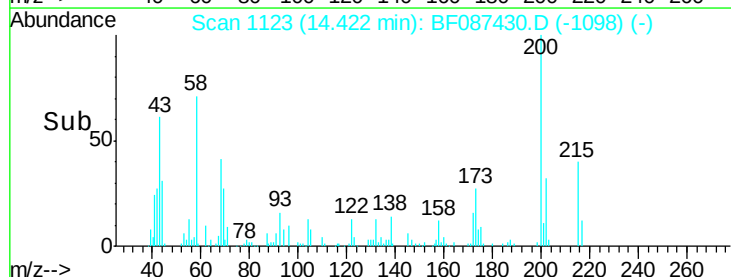
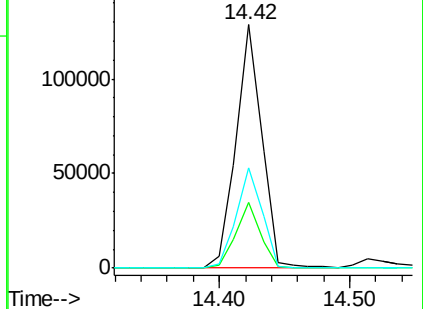
215 41.4 27.2 67.2

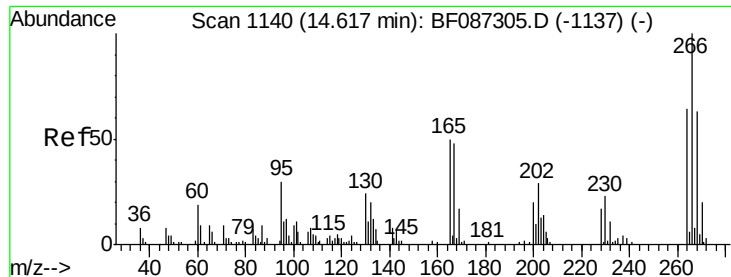


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

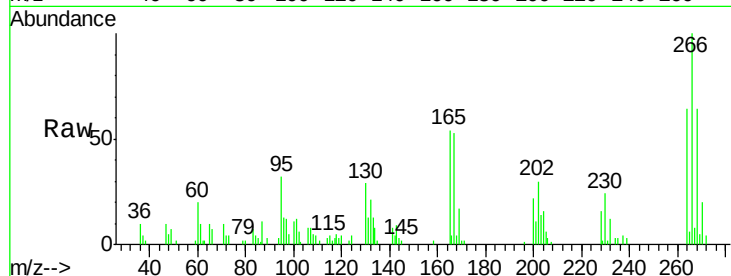




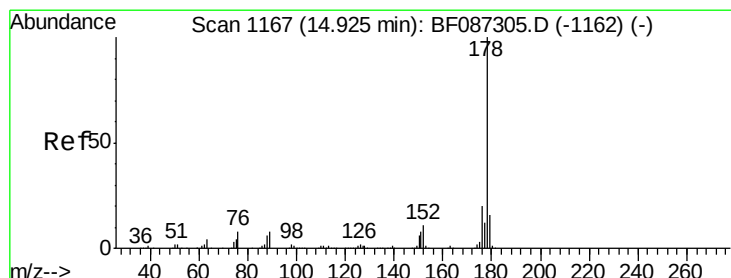
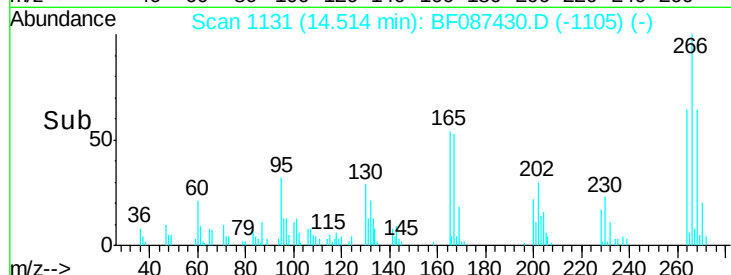
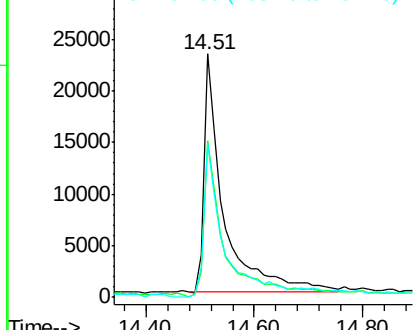
#69
 Pentachlorophenol
 Concen: 33.64 ng
 RT: 14.51 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: BF087430.D
 Acq: 27 May 2016 4:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 266 Resp: 58112
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.5 77.3
 264 63.5 52.9 79.3

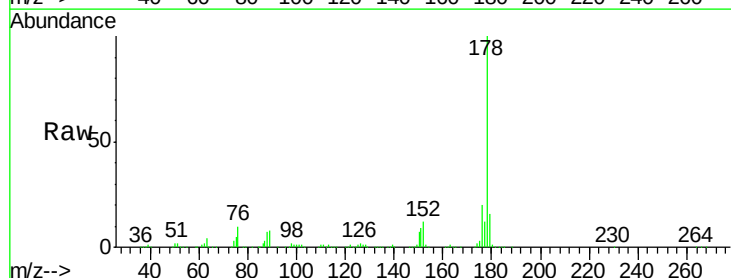


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

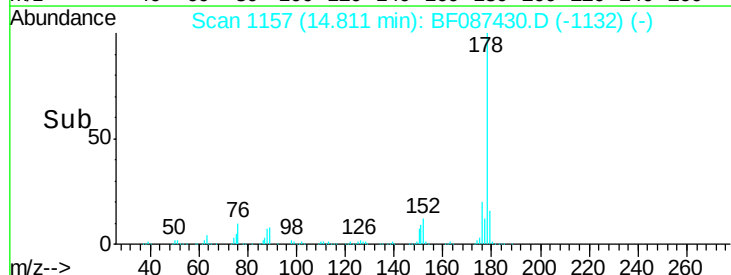
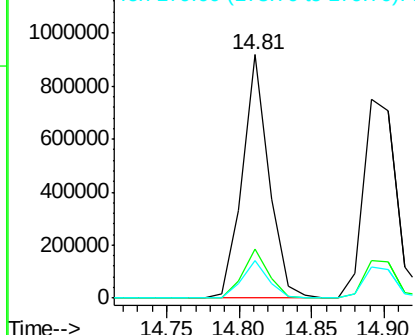


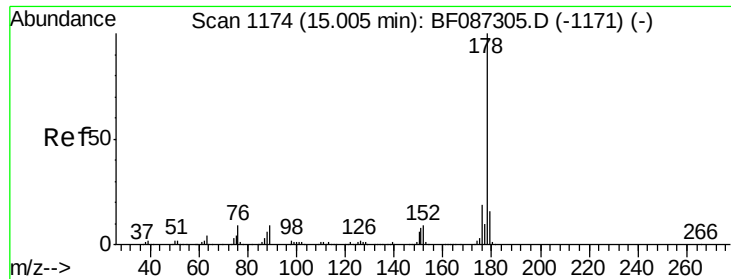
#70
 Phenanthrene
 Concen: 38.35 ng
 RT: 14.81 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF087430.D
 Acq: 27 May 2016 4:21

Tgt Ion: 178 Resp: 1166548
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 15.6 12.6 18.8



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

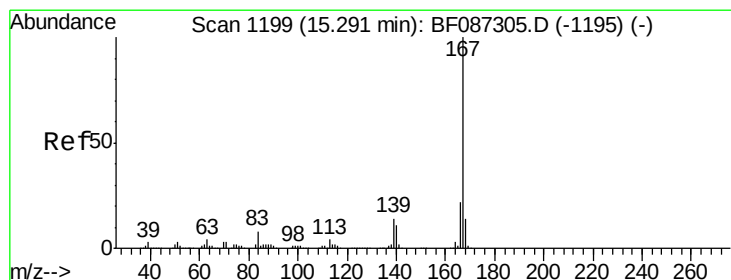
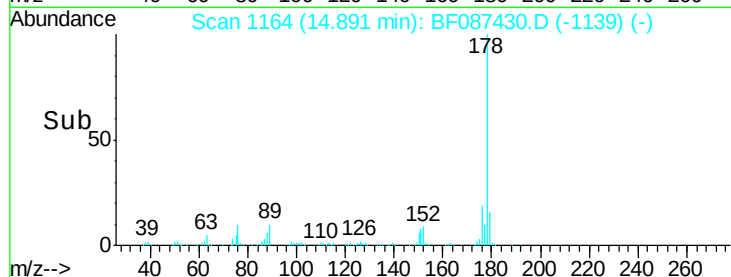
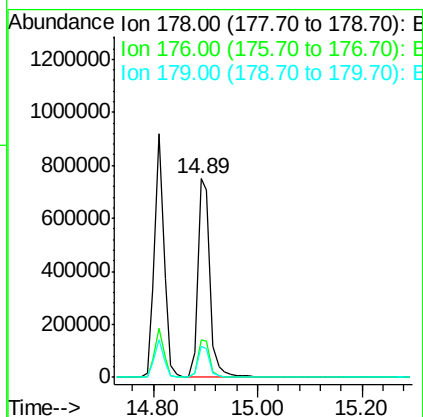
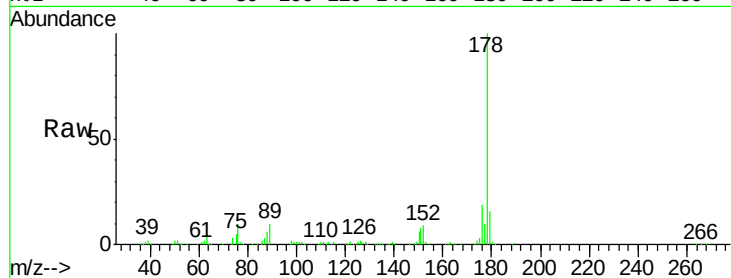




#71
 Anthracene
 Concen: 39.53 ng
 RT: 14.89 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF087430.D
 Acq: 27 May 2016 4:21

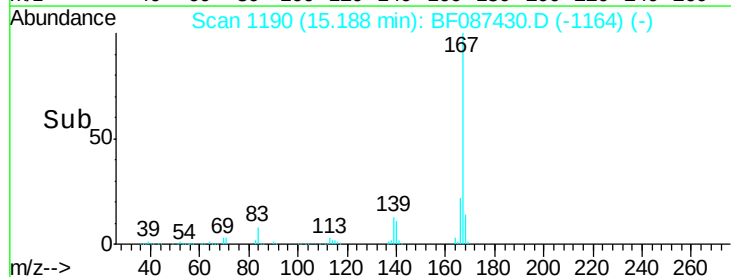
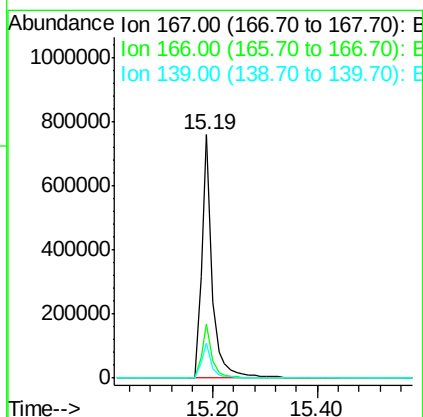
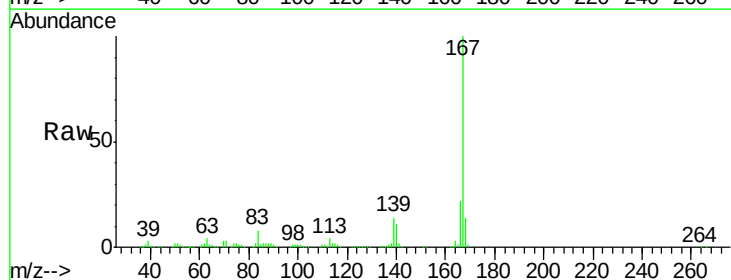
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

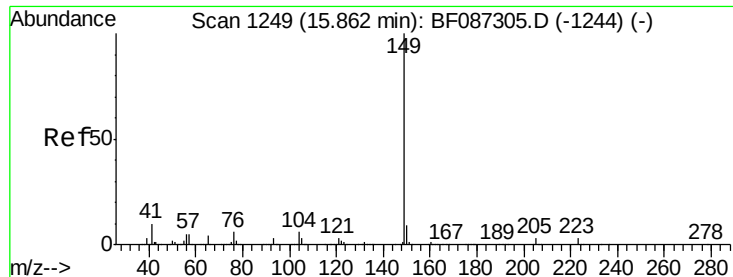
Tgt Ion:178 Resp: 1214794
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.6 23.4
 179 16.0 12.7 19.1



#72
 Carbazole
 Concen: 40.44 ng
 RT: 15.19 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF087430.D
 Acq: 27 May 2016 4:21

Tgt Ion:167 Resp: 1060005
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 14.5 10.8 16.2





#73

Di-n-butylphthalate

Concen: 36.16 ng

RT: 15.76 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

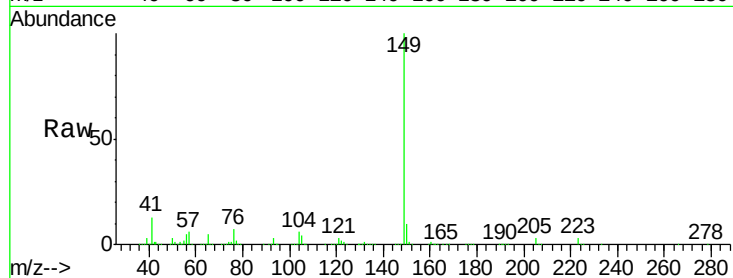
Tgt Ion:149 Resp: 122537

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

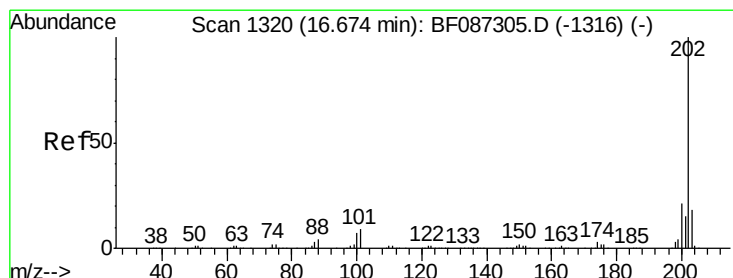
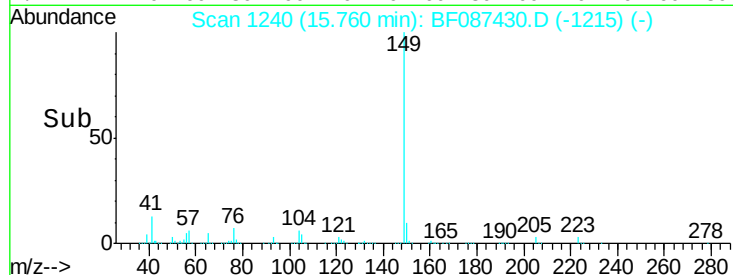
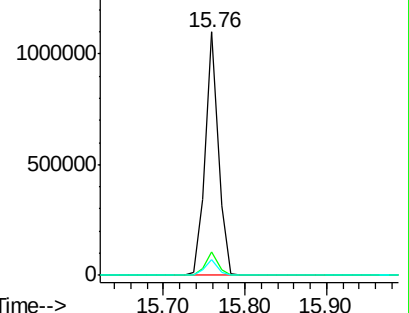
104 6.3 3.8 5.6#



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: 39.35 ng

RT: 16.57 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

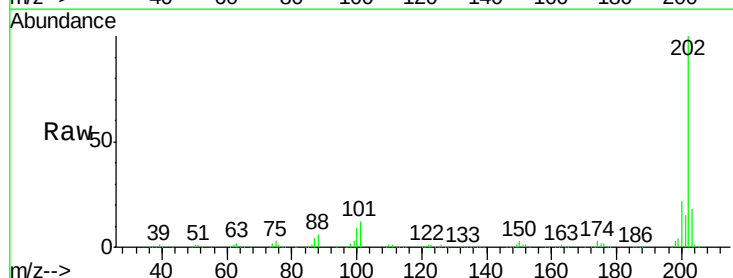
Tgt Ion:202 Resp: 1200277

Ion Ratio Lower Upper

202 100

101 11.5 0.0 35.4

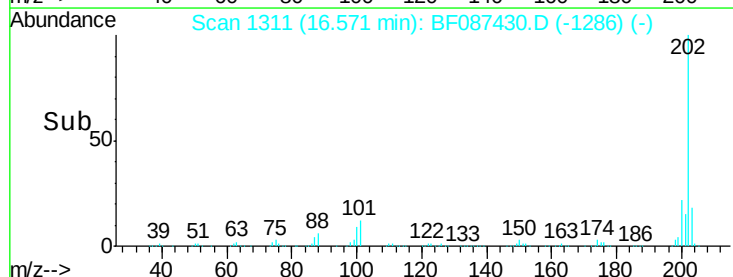
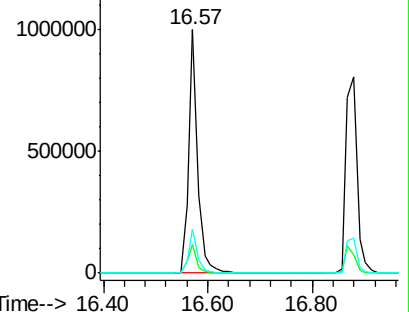
203 18.2 0.0 38.1

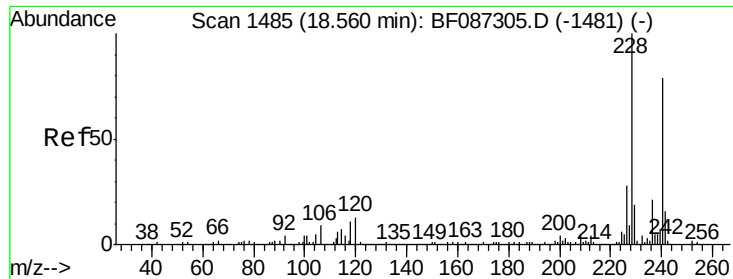


Abundance Ion 202.00 (201.70 to 202.70): E

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: 18.47 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

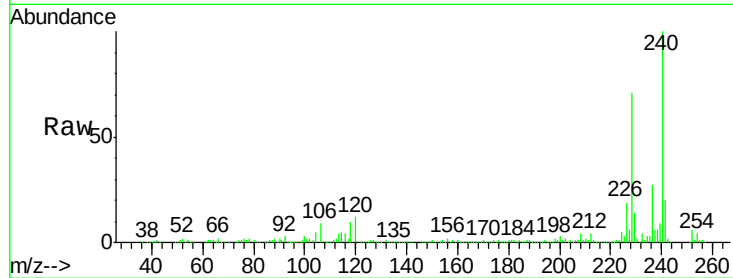
Tgt Ion:240 Resp: 387526

Ion Ratio Lower Upper

240 100

120 11.7 11.2 16.8

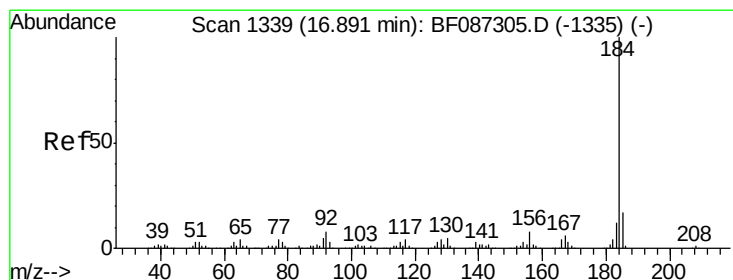
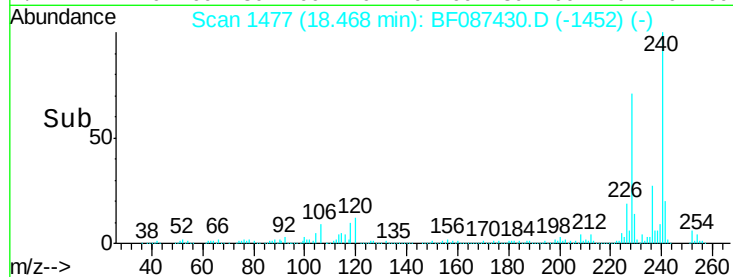
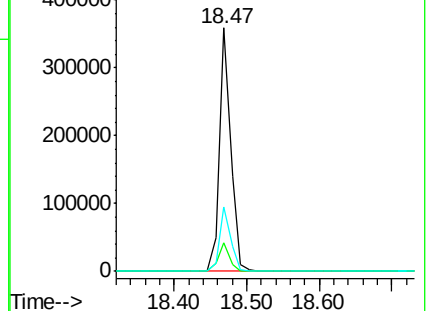
236 26.7 21.2 31.8



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: 42.52 ng

RT: 16.80 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

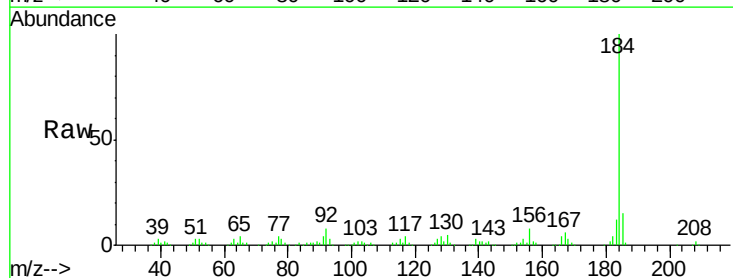
Tgt Ion:184 Resp: 423972

Ion Ratio Lower Upper

184 100

185 15.5 13.6 20.4

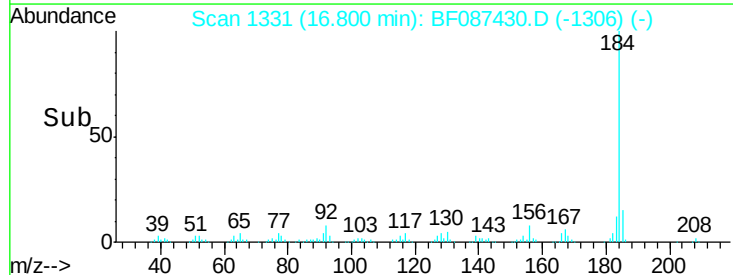
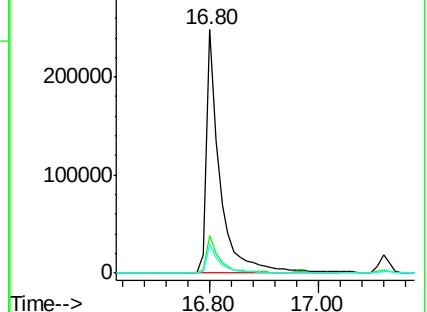
183 11.7 9.8 14.6

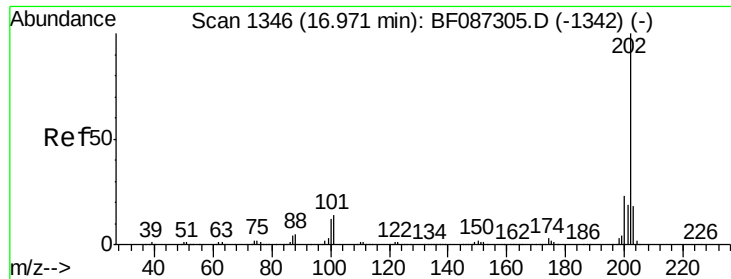


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

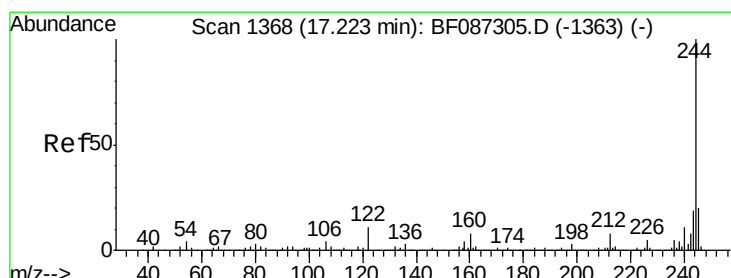
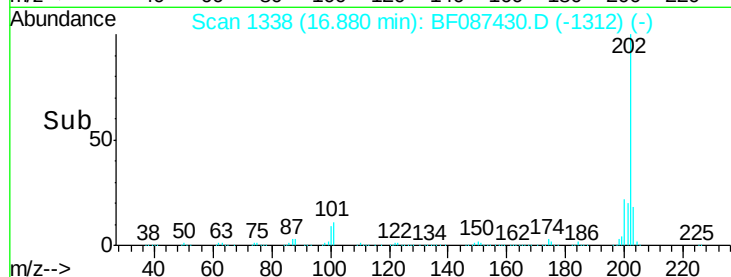
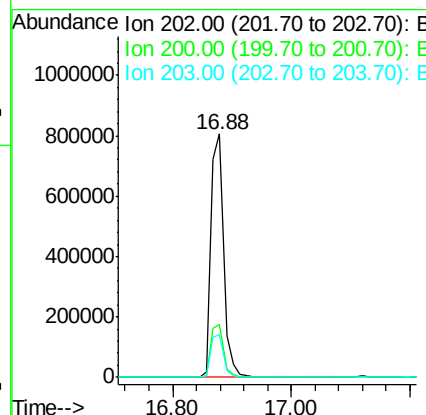
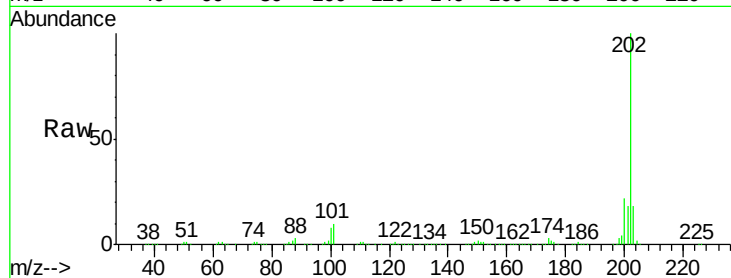




#77
 Pyrene
 Concen: 43.17 ng
 RT: 16.88 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BF087430.D
 Acq: 27 May 2016 4:21

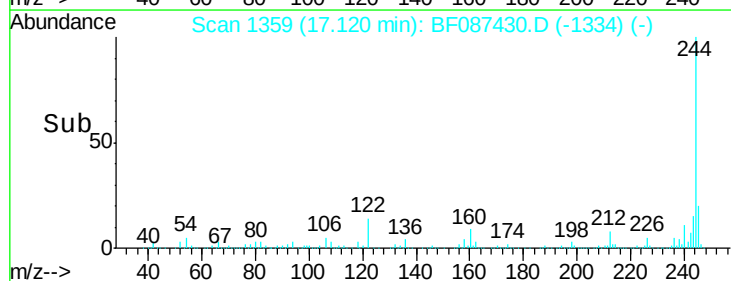
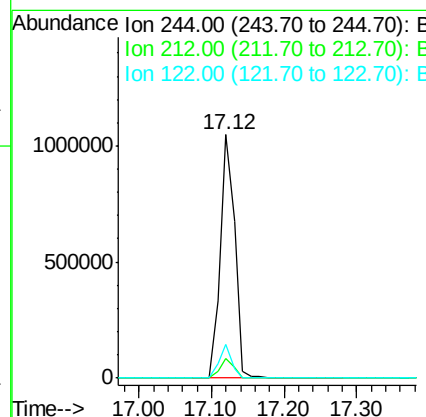
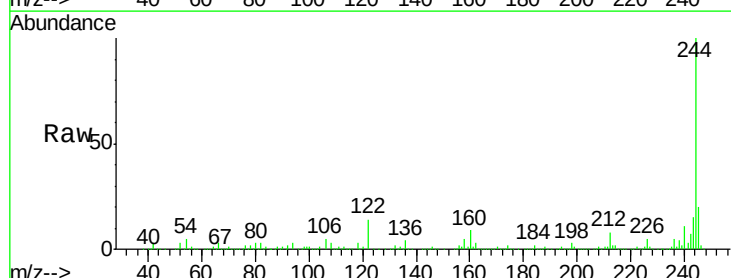
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

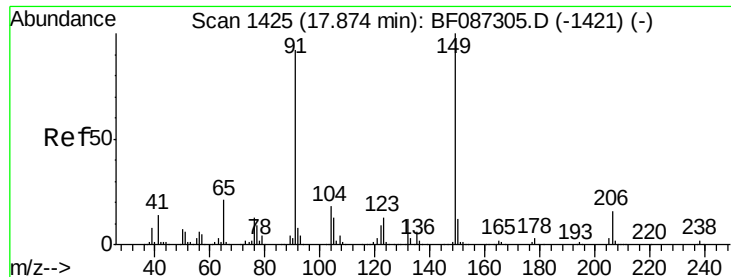
Tgt Ion:202 Resp: 1204215
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.7 26.5
 203 17.6 14.2 21.4



#78
 Terphenyl-d14
 Concen: 79.56 ng
 RT: 17.12 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF087430.D
 Acq: 27 May 2016 4:21

Tgt Ion:244 Resp: 1450127
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 13.7 12.0 18.0

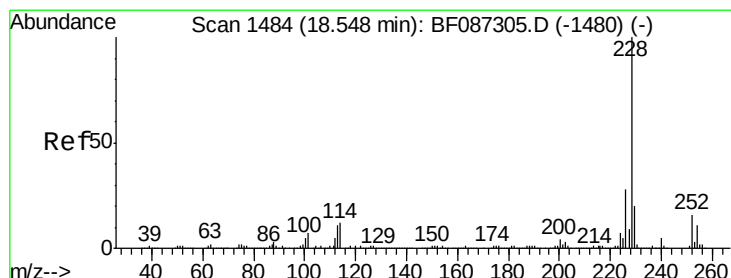
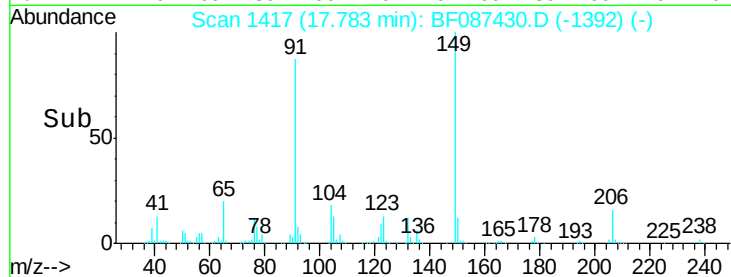
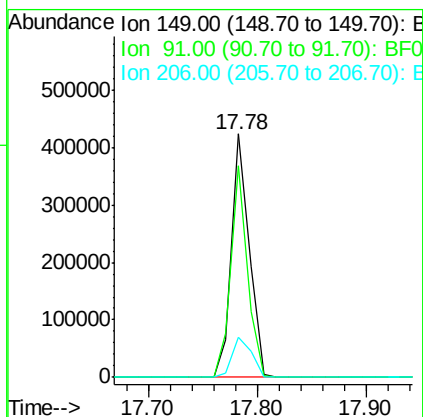
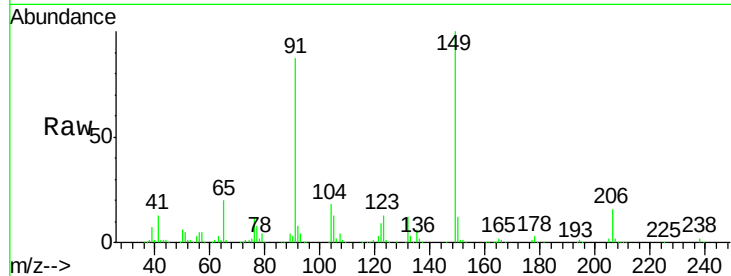




#79
Butylbenzylphthalate
Concen: 38.35 ng
RT: 17.78 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF087430.D
Acq: 27 May 2016 4:21

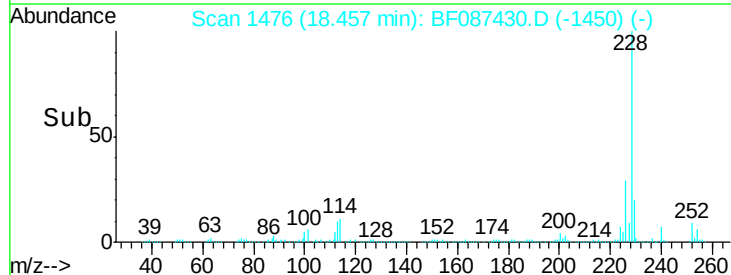
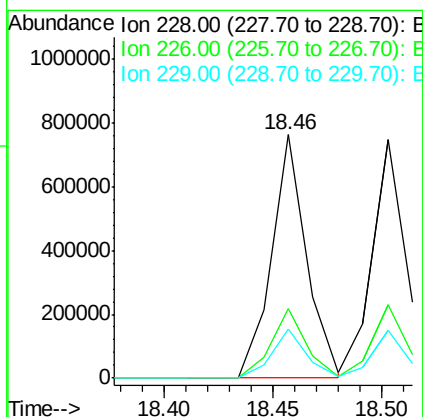
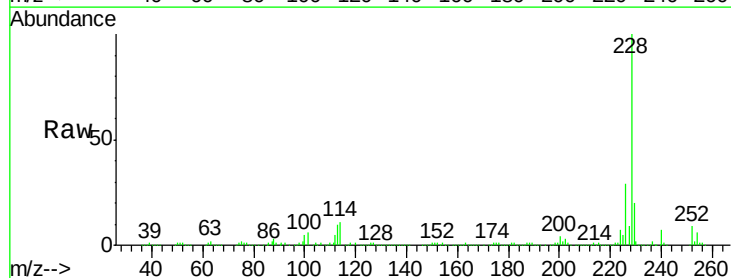
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

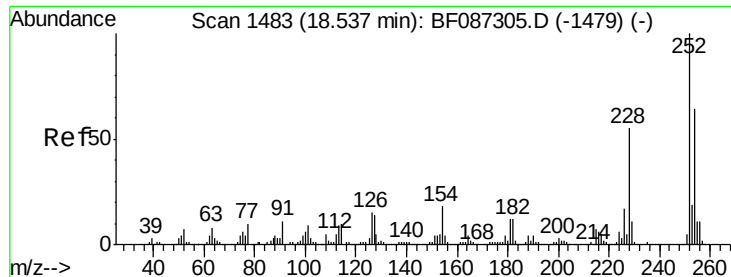
Tgt Ion:149 Resp: 474430
Ion Ratio Lower Upper
149 100
91 87.0 48.0 72.0#
206 16.4 15.8 23.6



#80
Benzo(a)anthracene
Concen: 38.96 ng
RT: 18.46 min Scan# 1476
Delta R.T. -0.00 min
Lab File: BF087430.D
Acq: 27 May 2016 4:21

Tgt Ion:228 Resp: 858826
Ion Ratio Lower Upper
228 100
226 28.5 22.5 33.7
229 20.3 16.6 25.0

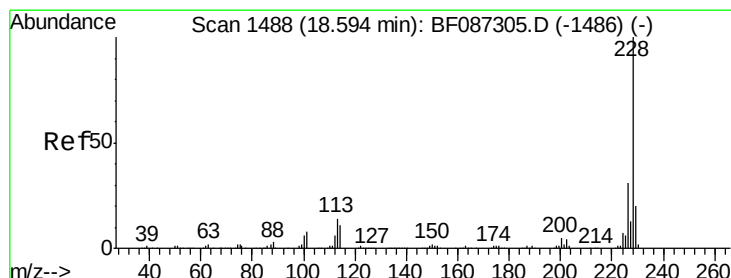
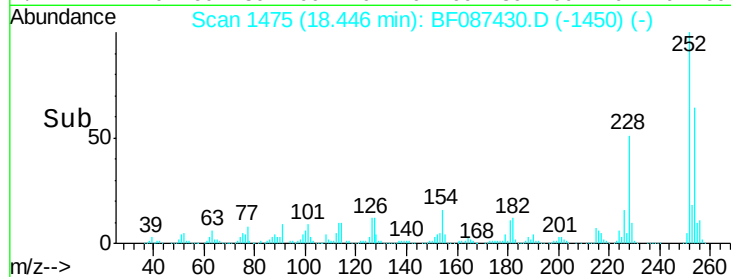
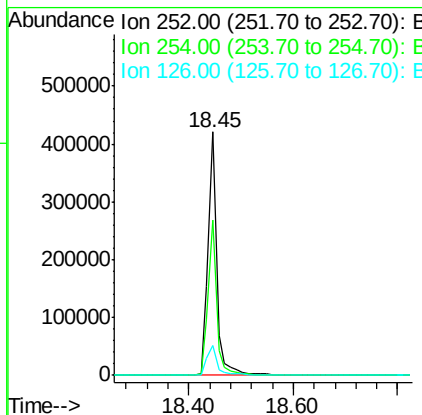
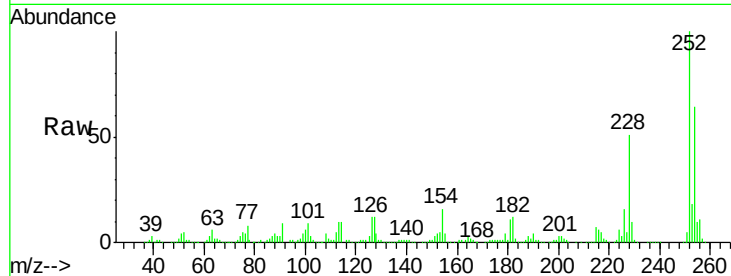




#81
 3,3'-Dichlorobenzidine
 Concen: 40.24 ng
 RT: 18.45 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF087430.D
 Acq: 27 May 2016 4:21

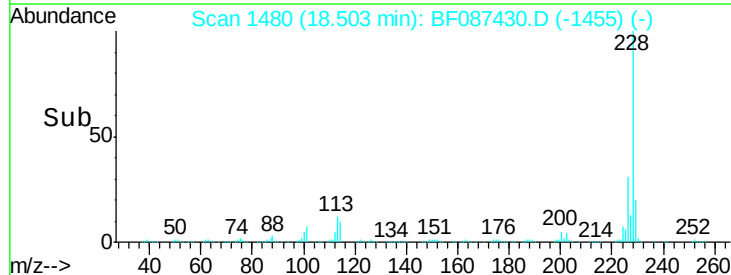
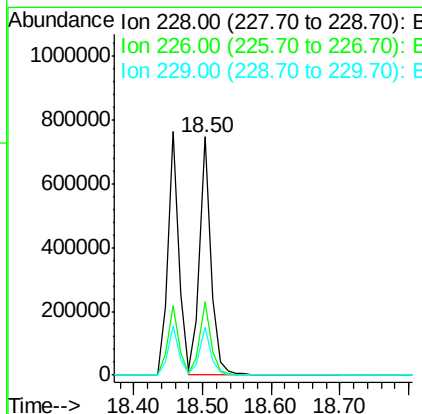
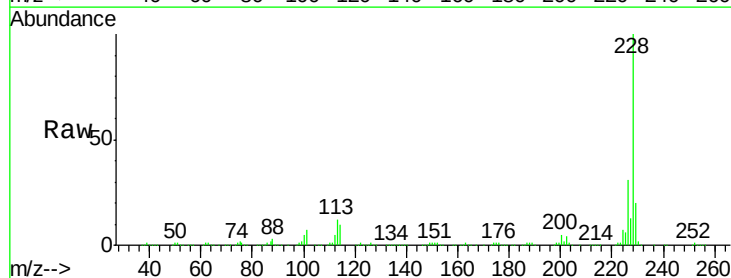
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

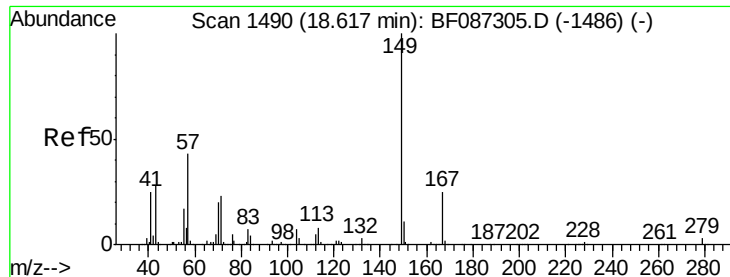
Tgt Ion: 252 Resp: 490052
 Ion Ratio Lower Upper
 252 100
 254 64.0 50.7 76.1
 126 12.3 12.7 19.1#



#82
 Chrysene
 Concen: 38.60 ng
 RT: 18.50 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF087430.D
 Acq: 27 May 2016 4:21

Tgt Ion: 228 Resp: 844393
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.4 36.6
 229 20.0 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.52 ng

RT: 18.53 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

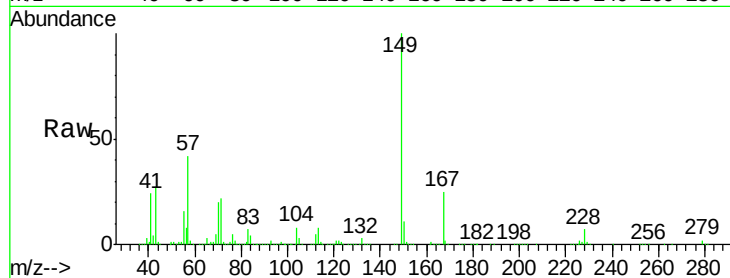
Tgt Ion:149 Resp: 604978

Ion Ratio Lower Upper

149 100

167 24.7 21.8 32.6

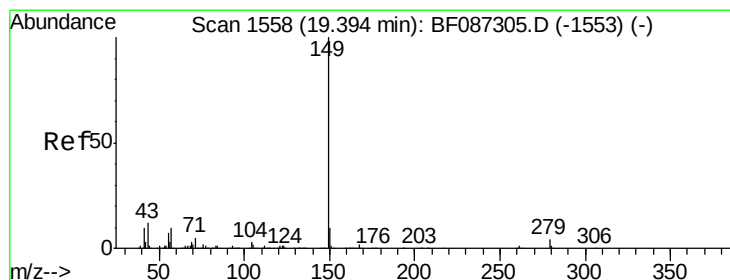
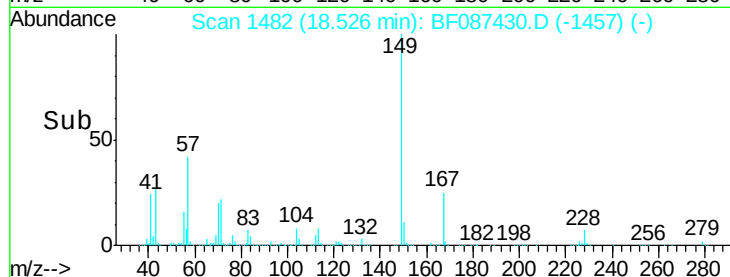
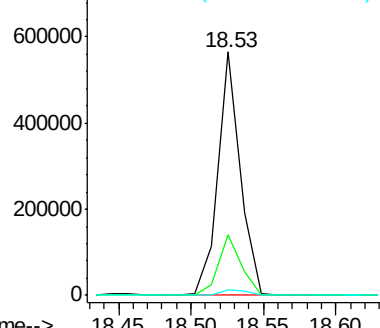
279 2.5 2.6 4.0#



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: 32.11 ng

RT: 19.30 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

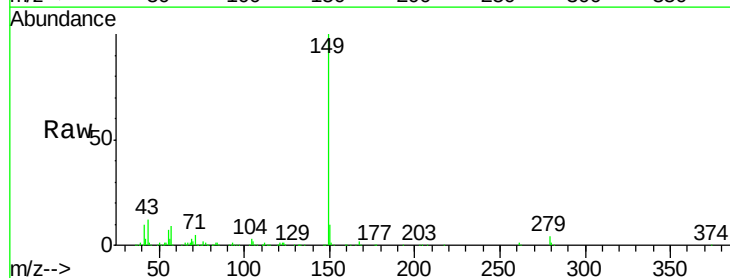
Tgt Ion:149 Resp: 883903

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

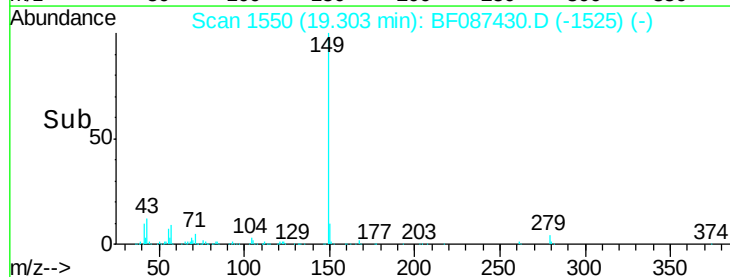
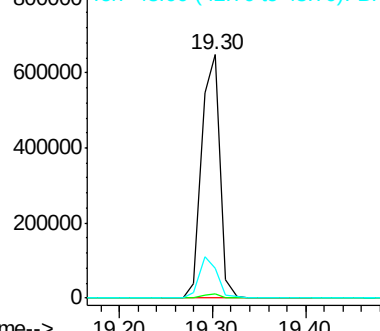
43 16.9 8.2 12.4#

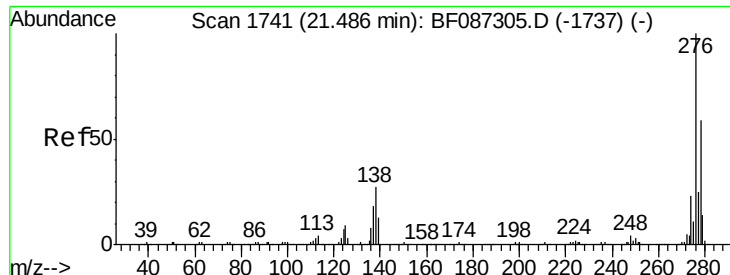


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

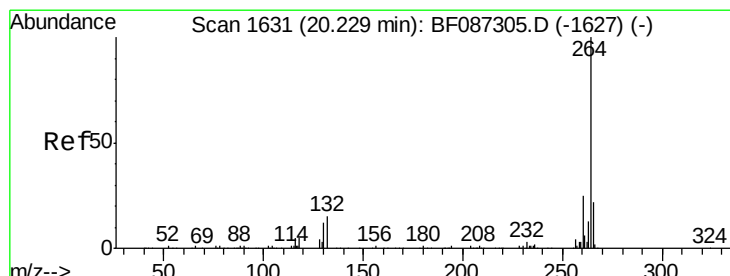
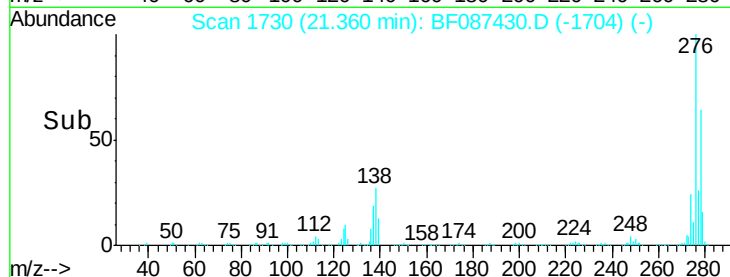
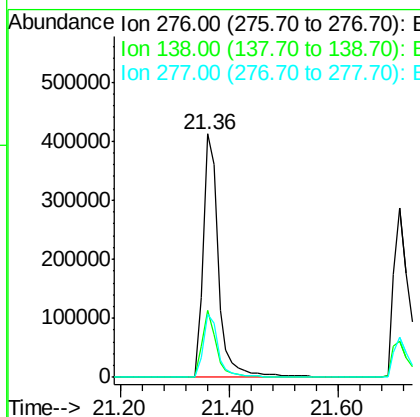
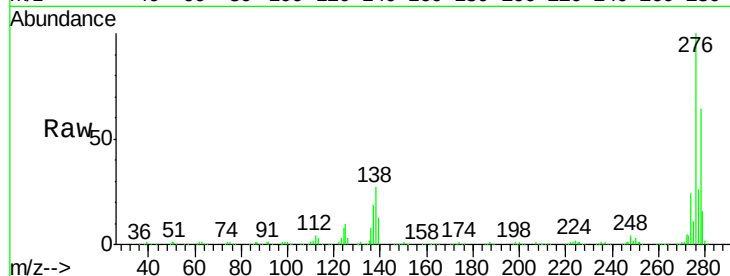




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.74 ng
 RT: 21.36 min Scan# 1730
 Delta R.T. -0.00 min
 Lab File: BF087430.D
 Acq: 27 May 2016 4:21

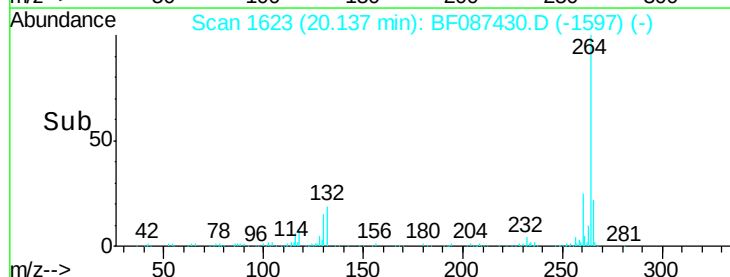
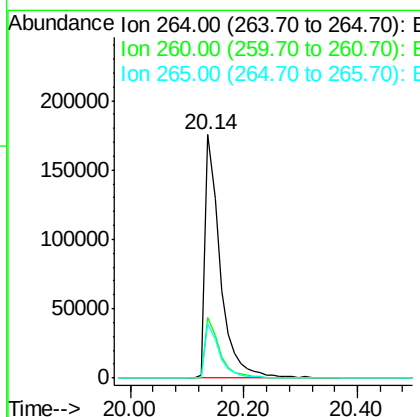
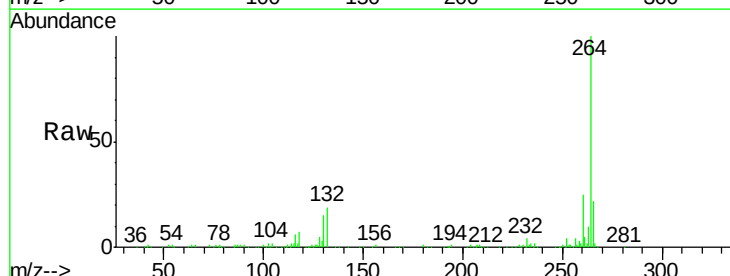
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

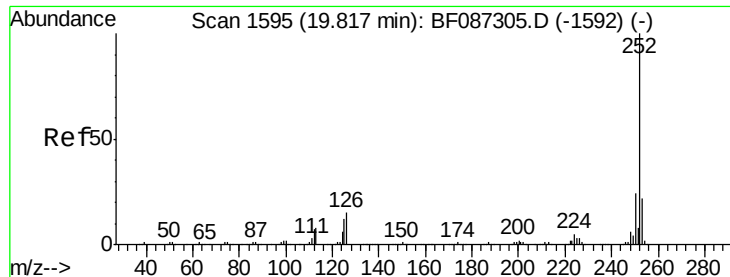
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.0	25.6	38.4
277	25.8	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.14 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BF087430.D
 Acq: 27 May 2016 4:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.2	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 38.27 ng

RT: 19.73 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

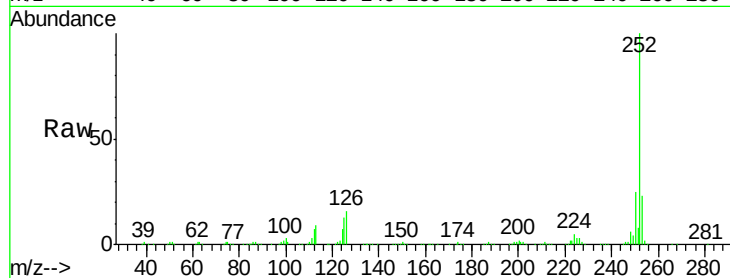
Tgt Ion:252 Resp: 767020

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

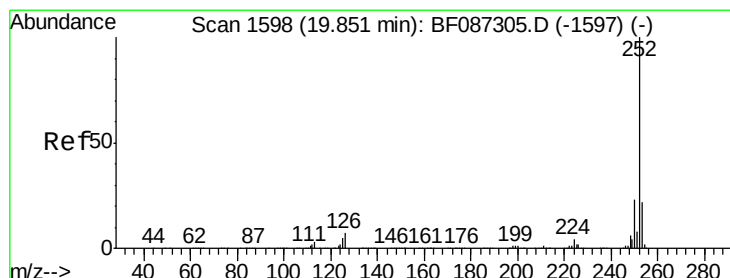
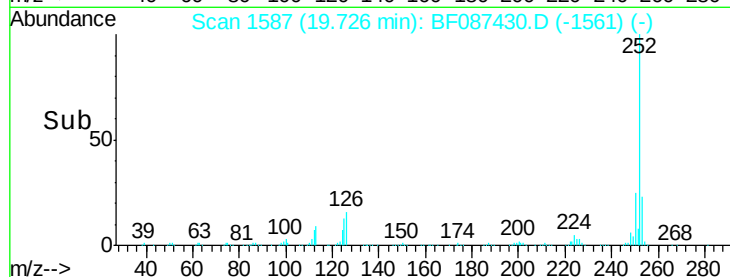
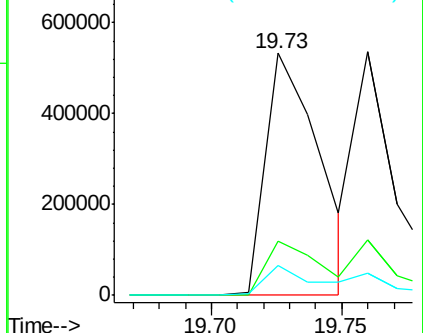
125 12.6 11.4 17.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.46 ng

RT: 19.73 min Scan# 1587

Delta R.T. -0.03 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

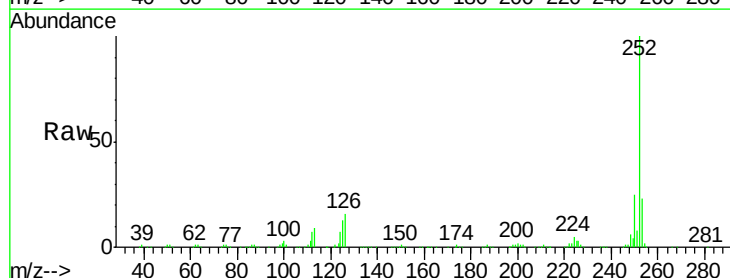
Tgt Ion:252 Resp: 767020

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

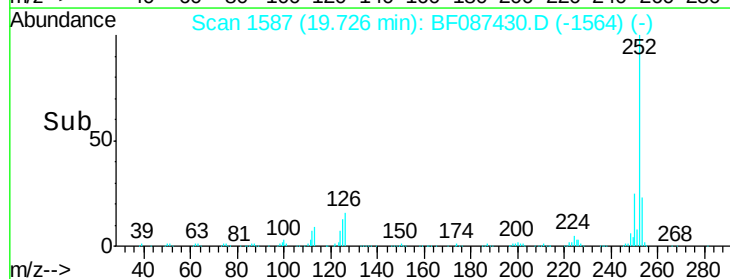
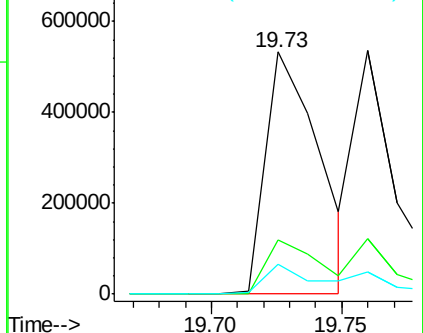
125 12.6 9.1 13.7

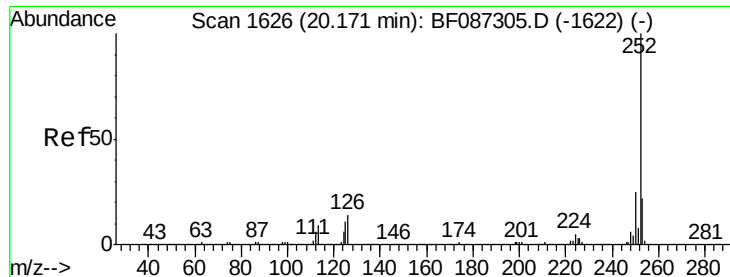


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

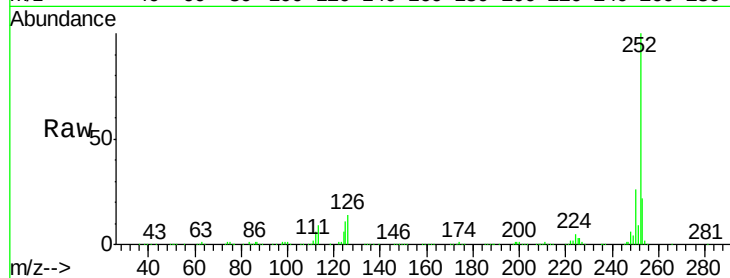




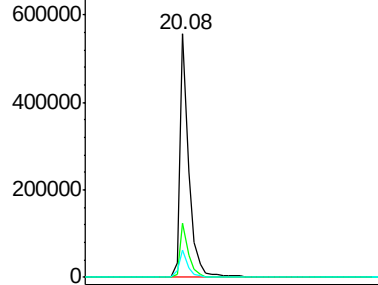
#89
Benzo(a)pyrene
Concen: 38.93 ng
RT: 20.08 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BF087430.D
Acq: 27 May 2016 4:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

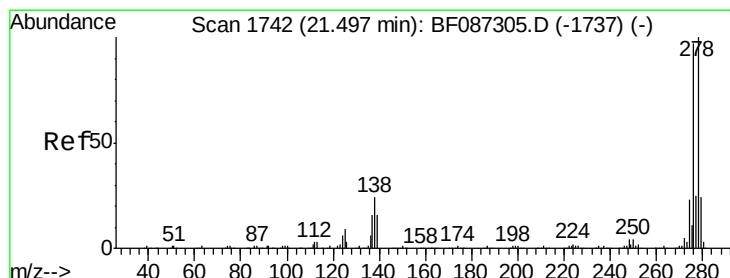
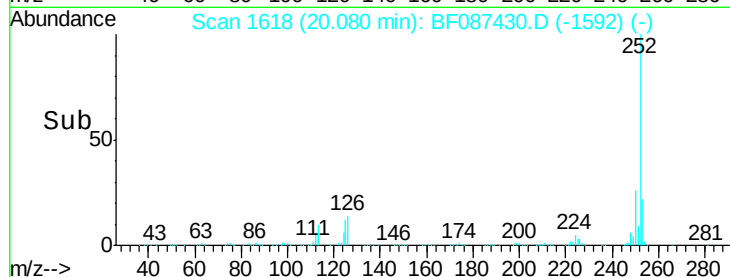
Tgt Ion: 252 Resp: 674795
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 11.1 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

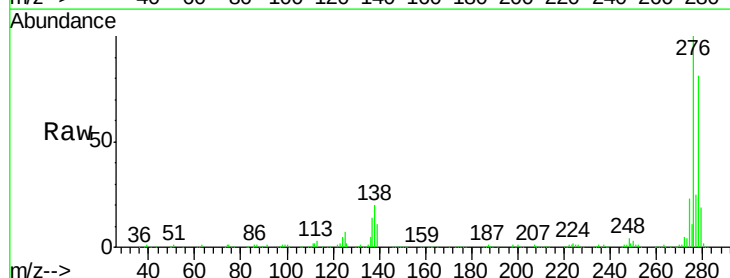


Time-->

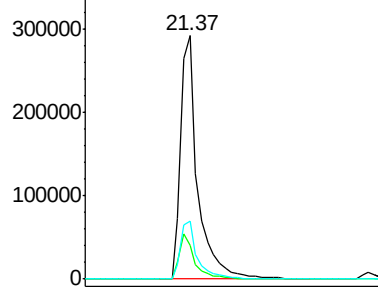


#90
Dibenzo(a,h)anthracene
Concen: 44.93 ng
RT: 21.37 min Scan# 1731
Delta R.T. 0.01 min
Lab File: BF087430.D
Acq: 27 May 2016 4:21

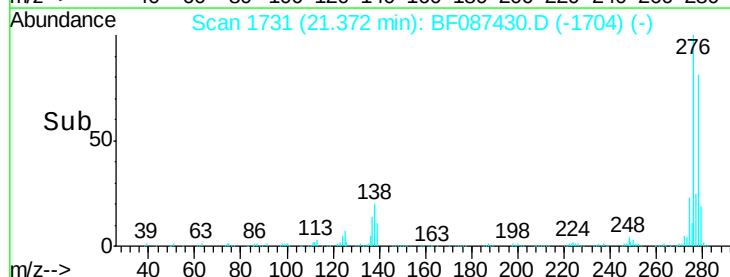
Tgt Ion: 278 Resp: 664226
Ion Ratio Lower Upper
278 100
139 13.7 16.6 24.8#
279 23.7 19.6 29.4

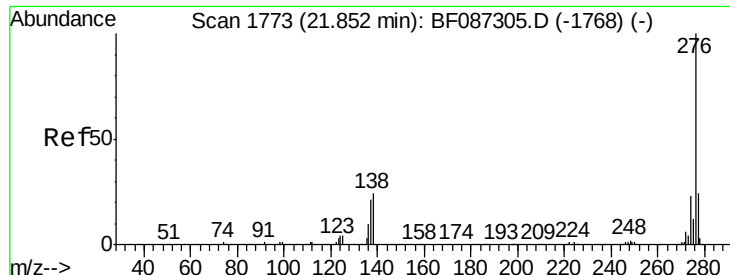


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->





#91

Benzo(g,h,i)perylene

Concen: 46.37 ng

RT: 21.71 min Scan# 1761

Delta R.T. -0.00 min

Lab File: BF087430.D

Acq: 27 May 2016 4:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

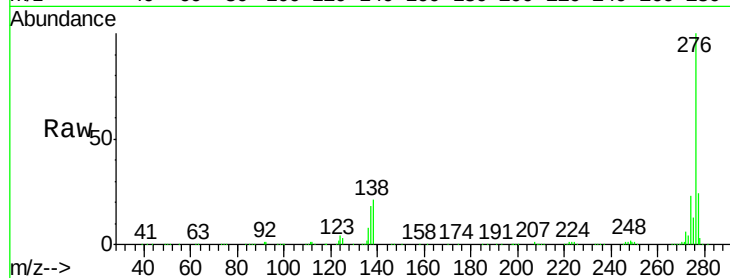
Tgt Ion: 276 Resp: 676421

Ion Ratio Lower Upper

276 100

277 23.7 19.6 29.4

138 21.2 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

