

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086423.D
 Acq On : 27 Apr 2016 14:45
 Operator : UM/SJ
 Sample : PB89850BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BSD

Quant Time: Apr 28 12:55:51 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	118352	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	493537	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	243706	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	453859	20.00	ng	0.00
75) Chrysene-d12	13.96	240	312403	20.00	ng	0.00
86) Perylene-d12	15.36	264	253577	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	764410	111.41	ng	0.01
7) Phenol-d6	6.44	99	1052573	109.91	ng	0.00
23) Nitrobenzene-d5	7.37	82	688872	75.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	318252	123.83	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1252056	91.35	ng	0.00
78) Terphenyl-d14	12.91	244	1170965	82.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	108861	30.20	ng	# 75
3) Pyridine	3.13	79	296844	34.80	ng	# 75
4) n-Nitrosodimethylamine	3.07	42	188164	38.70	ng	# 60
6) Aniline	6.46	93	399587	34.48	ng	98
8) 2-Chlorophenol	6.59	128	332075	38.86	ng	99
9) Benzaldehyde	6.35	77	56140	10.08	ng	91
10) Phenol	6.45	94	411835	38.55	ng	78
11) bis(2-Chloroethyl)ether	6.54	93	366852	39.72	ng	92
12) 1,3-Dichlorobenzene	6.98	146	301549	32.80	ng	98
13) 1,4-Dichlorobenzene	6.82	146	341654	36.02	ng	93
14) 1,2-Dichlorobenzene	6.98	146	318621	36.63	ng	95
15) Benzyl Alcohol	6.94	79	264103	43.59	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.09	45	686264	37.12	ng	89
17) 2-Methylphenol	7.07	107	279310	40.44	ng	96
18) Hexachloroethane	7.32	117	128330	36.21	ng	# 79
19) n-Nitroso-di-n-propylamine	7.22	70	246282	38.91	ng	# 69
20) 3+4-Methylphenols	7.22	107	325629	41.29	ng	96
22) Acetophenone	7.22	105	444412	41.07	ng	# 87
24) Nitrobenzene	7.39	77	377348	40.06	ng	95
25) Isophorone	7.63	82	683734	38.80	ng	99
26) 2-Nitrophenol	7.71	139	171579	39.56	ng	97
27) 2,4-Dimethylphenol	7.74	122	297590	39.11	ng	90
28) bis(2-Chloroethoxy)methane	7.85	93	425284	44.30	ng	99
29) 2,4-Dichlorophenol	7.95	162	282135	43.95	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	284169	38.15	ng	97
31) Naphthalene	8.11	128	965088	38.43	ng	99
32) Benzoic acid	7.88	122	145578	34.60	ng	95
33) 4-Chloroaniline	8.17	127	295444	31.42	ng	99
34) Hexachlorobutadiene	8.24	225	160305	38.40	ng	99
35) Caprolactam	8.53	113	52869	24.68	ng	# 73
36) 4-Chloro-3-methylphenol	8.65	107	302389	41.14	ng	92
37) 2-Methylnaphthalene	8.81	142	643826	43.45	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	243989	34.98	ng	97
40) Hexachlorocyclopentadiene	8.96	237	282193	81.40	ng	95

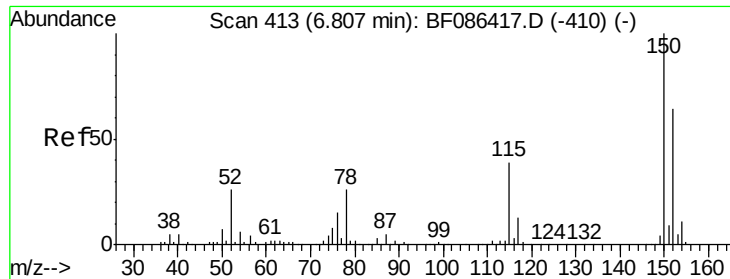
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	178527	40.49	nq	95
43) 2,4,5-Trichlorophenol	9.13	196	190230	39.58	nq	95
45) 1,1'-Biphenyl	9.26	154	747547	36.70	nq	96
46) 2-Chloronaphthalene	9.29	162	575856	37.18	nq	93
47) 2-Nitroaniline	9.39	65	217931	43.88	nq	89
48) Acenaphthylene	9.71	152	928151	38.34	nq	99
49) Dimethylphthalate	9.57	163	691137	37.67	nq	100
50) 2,6-Dinitrotoluene	9.63	165	147201	38.84	nq	# 86
51) Acenaphthene	9.88	154	684490	44.02	nq	99
52) 3-Nitroaniline	9.80	138	143175	33.21	nq	96
53) 2,4-Dinitrophenol	9.90	184	144843	70.88	nq	# 75
54) Dibenzofuran	10.05	168	848694	43.67	nq	98
55) 4-Nitrophenol	9.97	139	244170	86.51	nq	94
56) 2,4-Dinitrotoluene	10.04	165	197576	40.89	nq	# 82
57) Fluorene	10.40	166	637782	37.80	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	173854	46.27	nq	95
59) Diethylphthalate	10.27	149	651990	37.54	nq	99
60) 4-Chlorophenyl-phenylether	10.38	204	291252	38.02	nq	93
61) 4-Nitroaniline	10.42	138	175542	41.66	nq	89
62) Azobenzene	10.54	77	803441	42.23	nq	91
64) 4,6-Dinitro-2-methylphenol	10.44	198	105772	39.70	nq	# 69
65) n-Nitrosodiphenylamine	10.51	169	578565	40.79	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	194702	41.63	nq	# 87
67) Hexachlorobenzene	10.93	284	198446	36.66	nq	# 68
68) Atrazine	11.04	200	194725	45.72	nq	96
69) Pentachlorophenol	11.13	266	213582	74.83	nq	98
70) Phenanthrene	11.34	178	903067	37.92	nq	100
71) Anthracene	11.40	178	1042274	41.00	nq	100
72) Carbazole	11.56	167	913990	40.57	nq	98
73) Di-n-butylphthalate	11.89	149	1099158	43.07	nq	99
74) Fluoranthene	12.53	202	1003751	41.75	nq	96
76) Benzidine	12.66	184	367420	34.22	nq	97
77) Pyrene	12.76	202	1011051	44.91	nq	99
79) Butylbenzylphthalate	13.38	149	412211	42.28	nq	# 65
80) Benzo(a)anthracene	13.95	228	695762	41.77	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	175710	15.78	nq	# 95
82) Chrysene	13.99	228	811716	44.84	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	514614	42.52	nq	# 99
84) Di-n-octyl phthalate	14.56	149	885442	46.72	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.72	276	546186	40.72	nq	98
87) Benzo(b)fluoranthene	14.99	252	1277496	85.64	nq	97
88) Benzo(k)fluoranthene	14.99	252	1279176	82.21	nq	99
89) Benzo(a)pyrene	15.30	252	574507	40.79	nq	# 97
90) Dibenzo(a,h)anthracene	16.74	278	462740	40.15	nq	# 94
91) Benzo(g,h,i)perylene	17.13	276	459464	39.78	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

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PB89850BSD

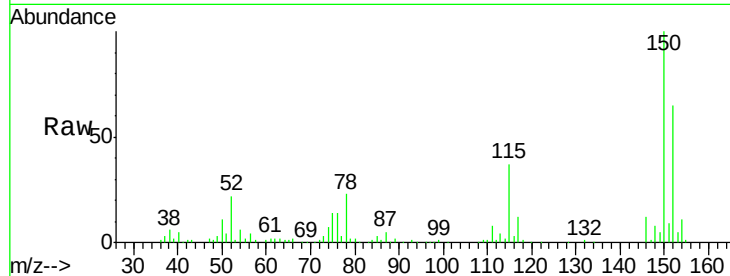
Tot Ion:152 Resp: 118352

Ion Ratio Lower Upper

152 100

150 153.7 125.8 188.6

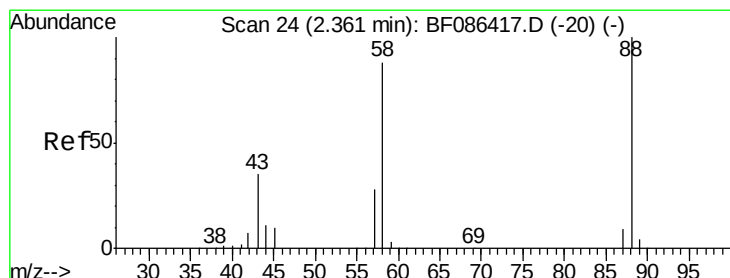
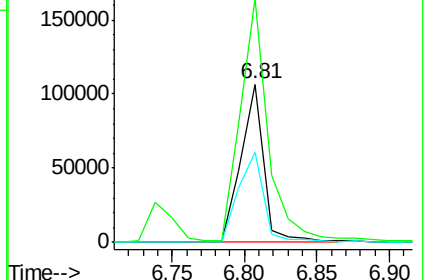
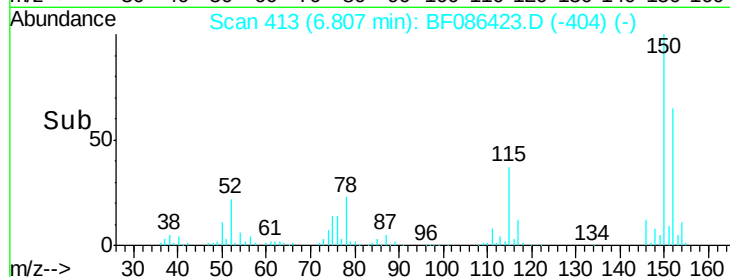
115 56.8 51.5 77.3



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: 30.20 ng

RT: 2.43 min Scan# 30

Delta R.T. 0.07 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

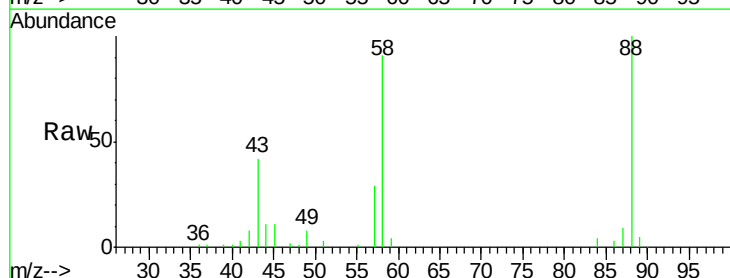
Tgt Ion: 88 Resp: 108861

Ion Ratio Lower Upper

88 100

58 92.5 59.6 89.4#

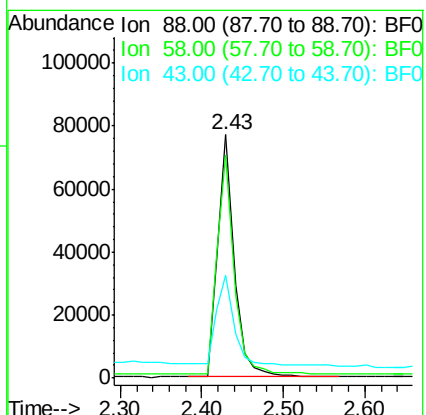
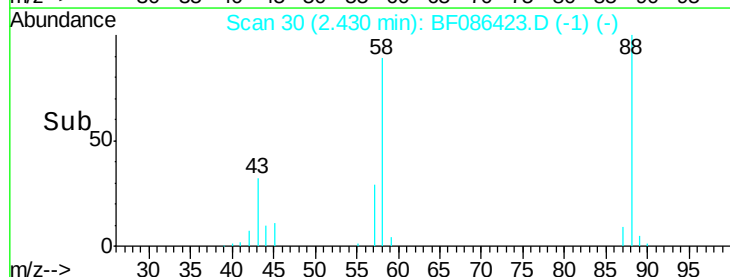
43 46.3 21.8 32.6#

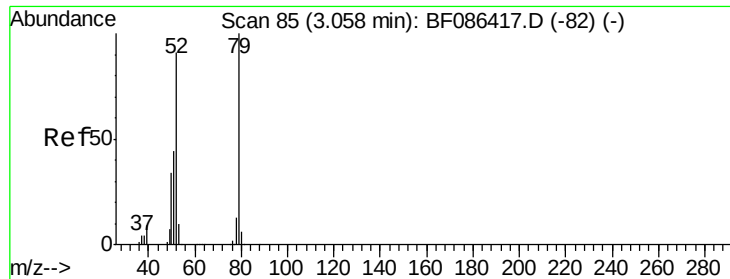


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 34.80 ng

RT: 3.13 min Scan# 91

Delta R.T. 0.07 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB89850BSD

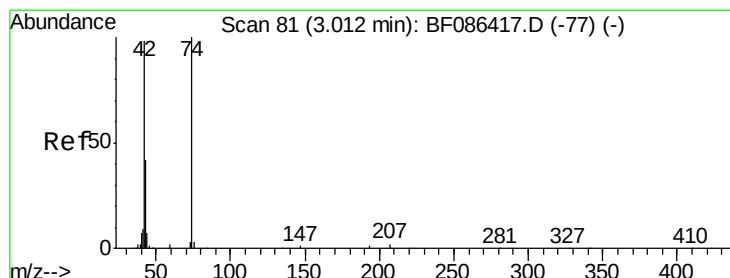
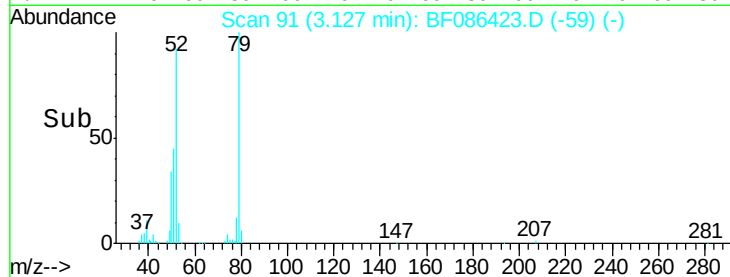
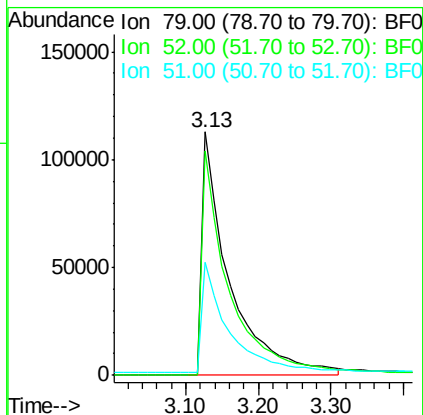
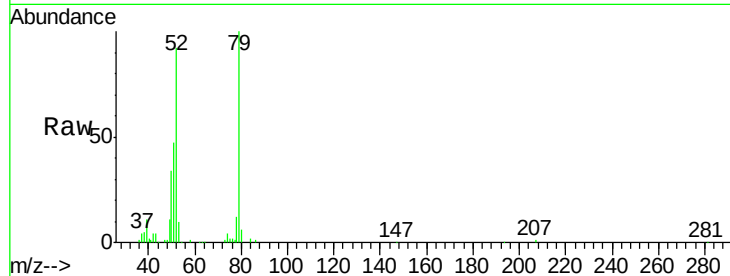
Tot Ion: 79 Resp: 296844

Ion Ratio Lower Upper

79 100

52 92.0 55.9 83.9#

51 46.7 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 38.70 ng

RT: 3.07 min Scan# 86

Delta R.T. 0.06 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

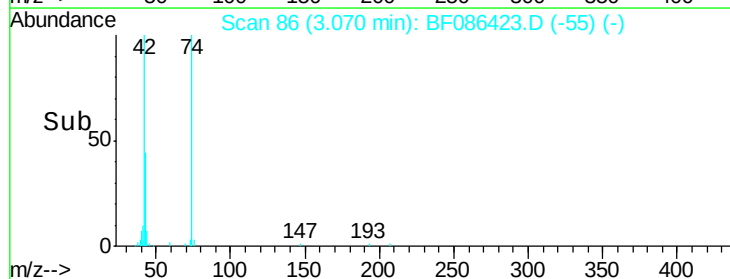
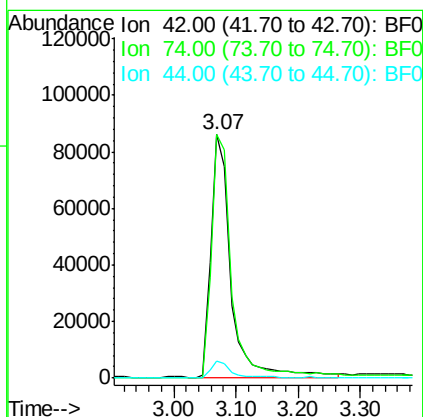
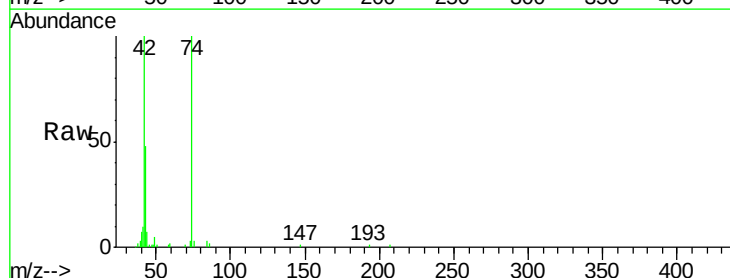
Tgt Ion: 42 Resp: 188164

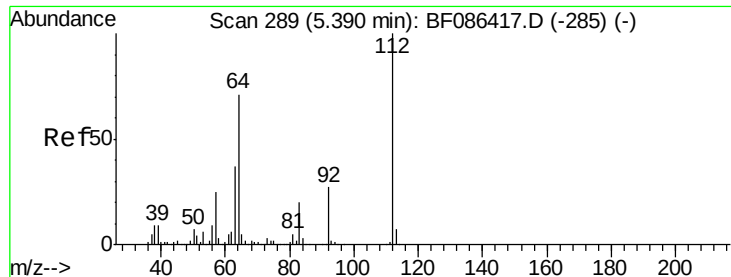
Ion Ratio Lower Upper

42 100

74 99.8 123.4 185.0#

44 6.9 5.8 8.6





#5

2-Fluorophenol

Concen: 111.41 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB89850BSD

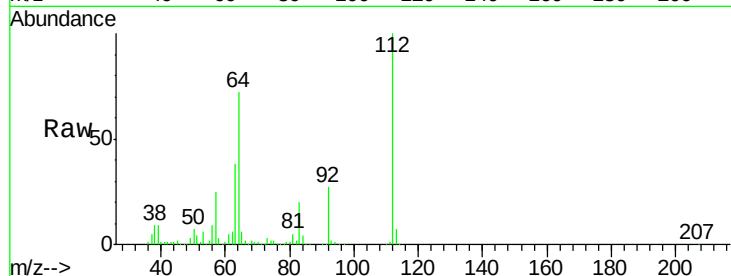
Tot Ion:112 Resp: 764410

Ion Ratio Lower Upper

112 100

64 71.8 52.1 78.1

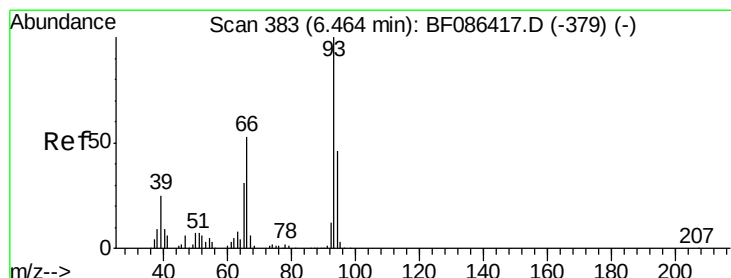
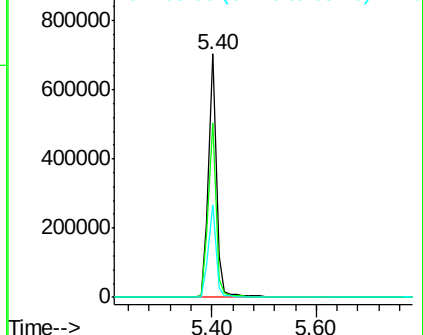
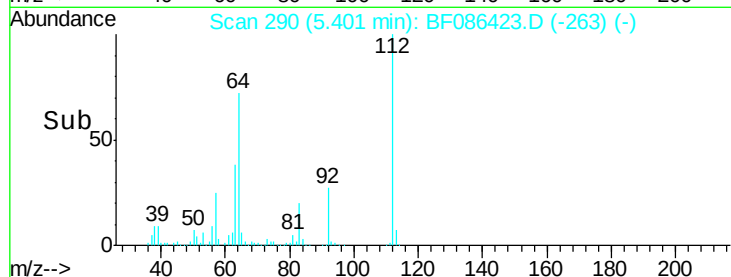
63 38.3 25.7 38.5



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: 34.48 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

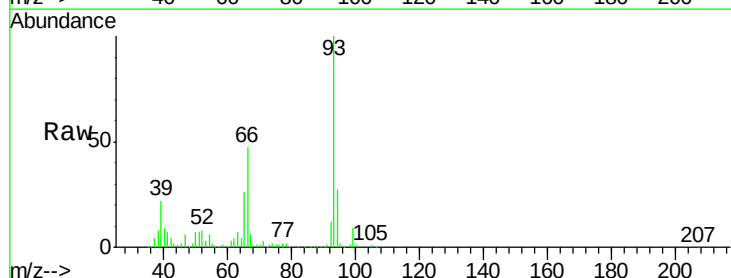
Tgt Ion: 93 Resp: 399587

Ion Ratio Lower Upper

93 100

66 47.0 39.0 58.6

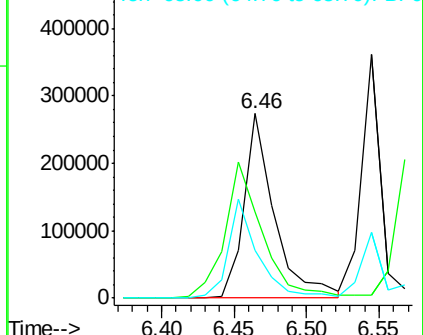
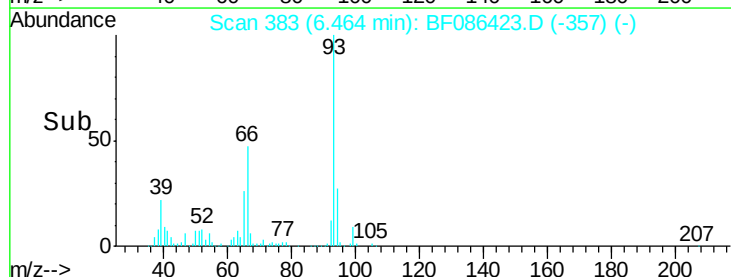
65 25.8 20.6 31.0

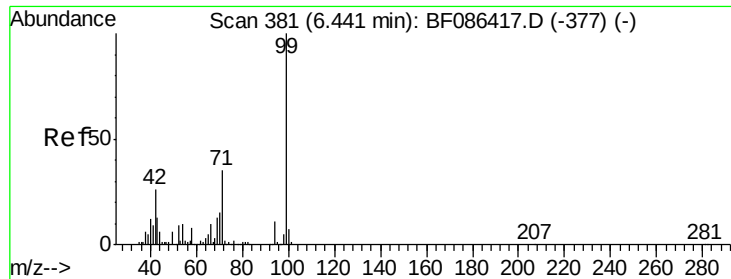


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 109.91 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

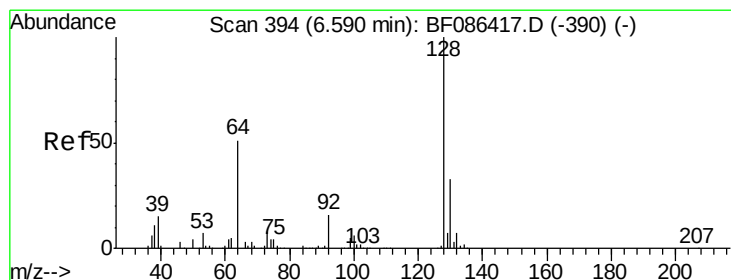
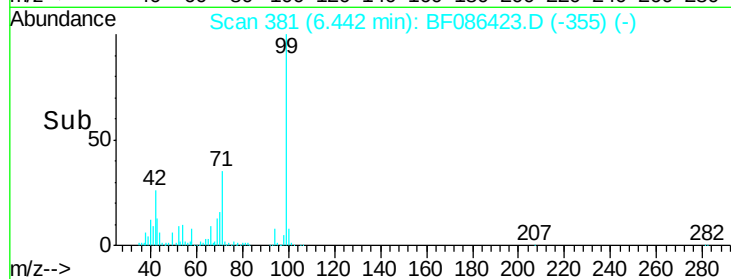
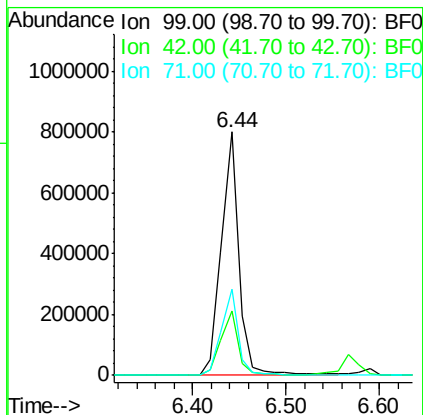
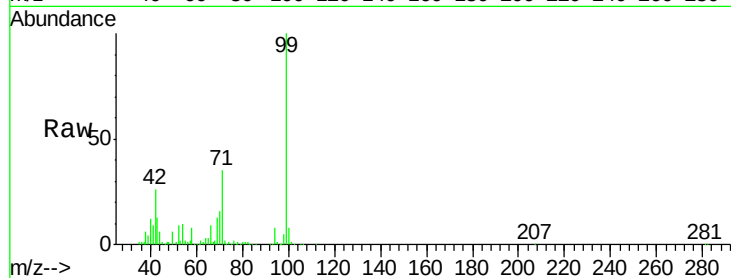
BNA_F

ClientSampleId :

PB89850BSD

Tot Ion: 99 Resp: 1052573

Ion	Ratio	Lower	Upper
99	100		
42	26.4	13.6	20.4#
71	35.2	24.6	36.8



#8

2-Chlorophenol

Concen: 38.86 ng

RT: 6.59 min Scan# 394

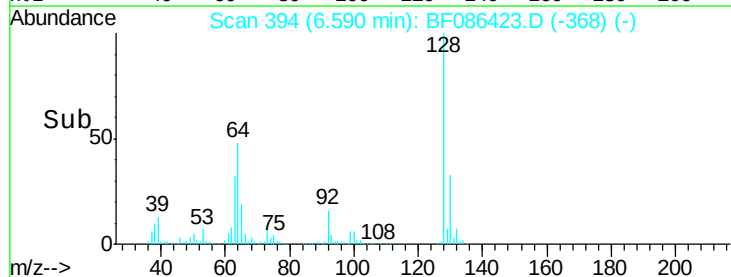
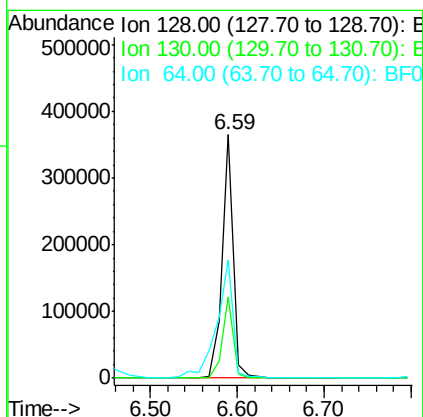
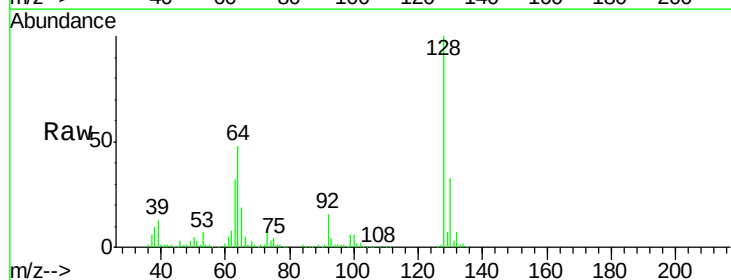
Delta R.T. 0.00 min

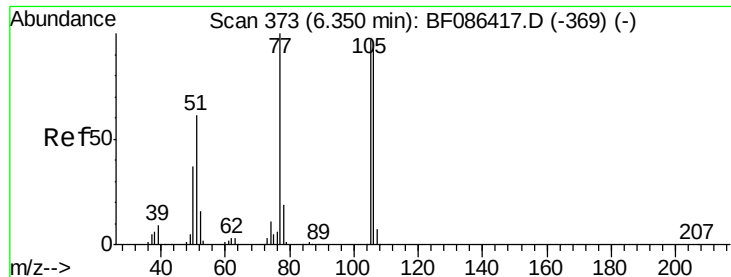
Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Tgt Ion: 128 Resp: 332075

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.5	52.5
64	48.5	27.3	67.3





#9

Benzaldehyde

Concen: 10.08 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB89850BSD

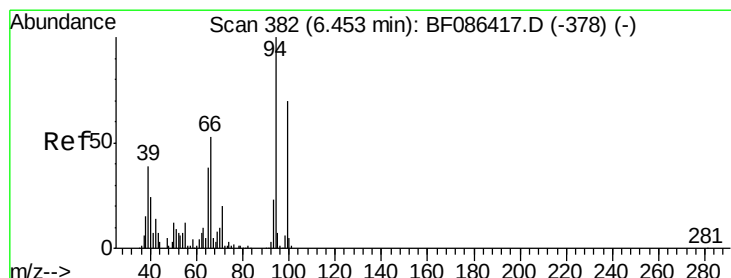
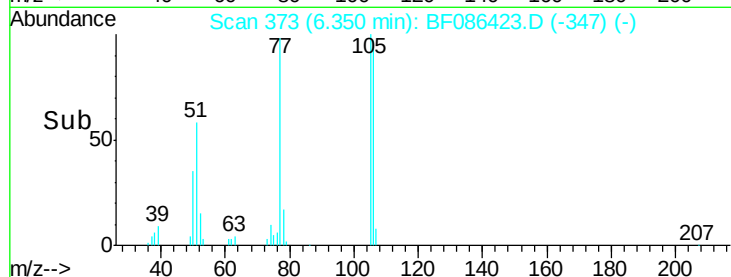
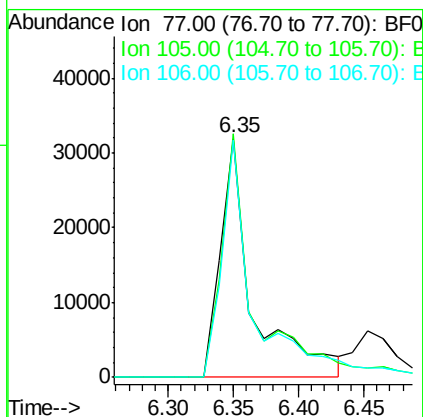
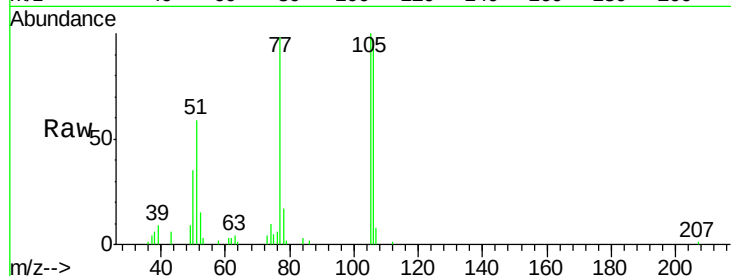
Tot Ion: 77 Resp: 56140

Ion Ratio Lower Upper

77 100

105 101.9 72.7 112.7

106 99.3 70.8 110.8



#10

Phenol

Concen: 38.55 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

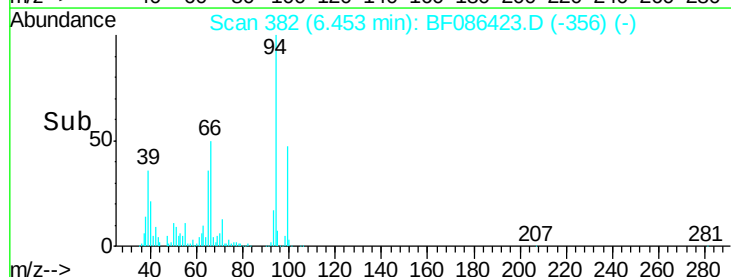
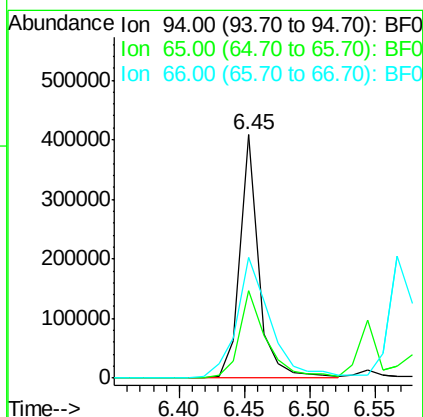
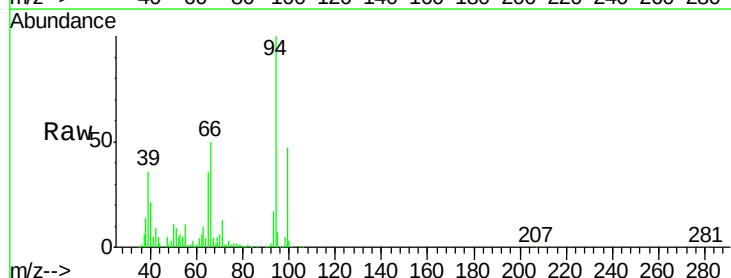
Tgt Ion: 94 Resp: 411835

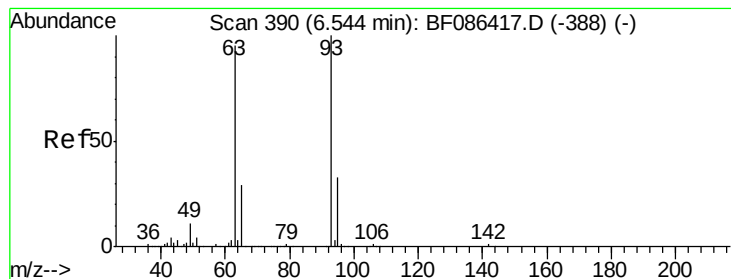
Ion Ratio Lower Upper

94 100

65 36.1 7.2 47.2

66 49.7 14.9 54.9





#11

bis(2-Chloroethyl)ether

Concen: 39.72 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB89850BSD

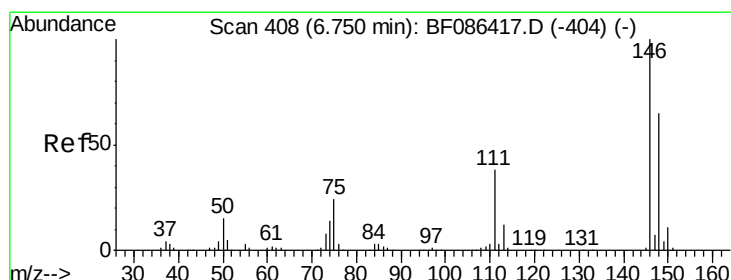
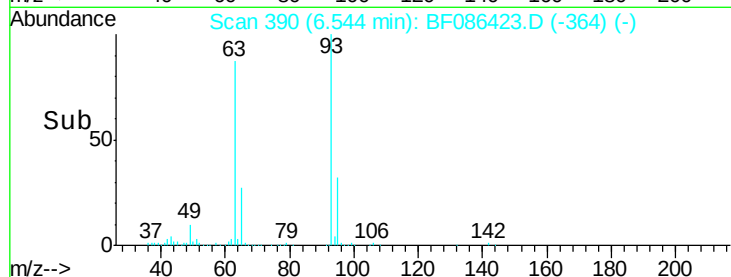
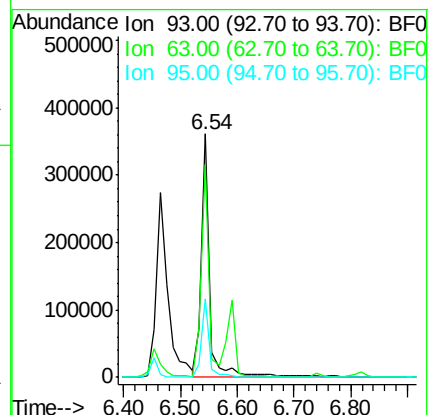
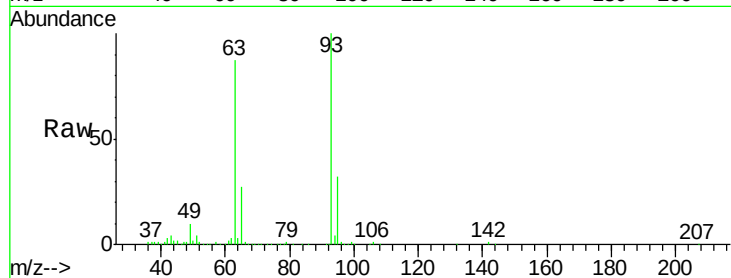
Tot Ion: 93 Resp: 366852

Ion Ratio Lower Upper

93 100

63 87.4 58.0 98.0

95 32.2 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 32.80 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.23 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

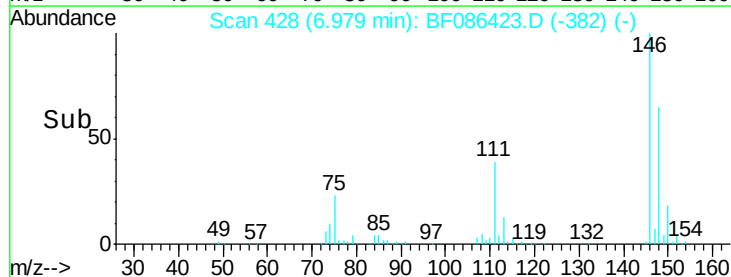
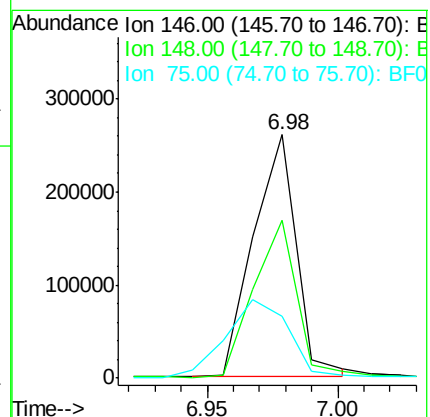
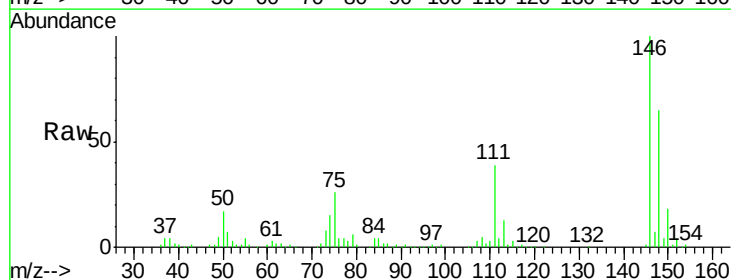
Tgt Ion: 146 Resp: 301549

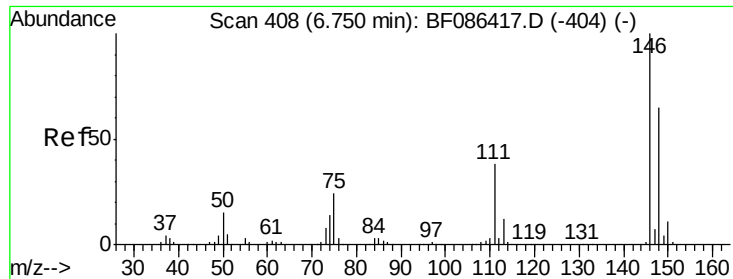
Ion Ratio Lower Upper

146 100

148 64.9 52.4 78.6

75 25.5 22.8 34.2

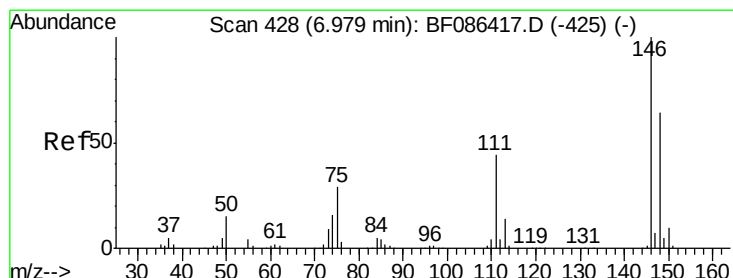
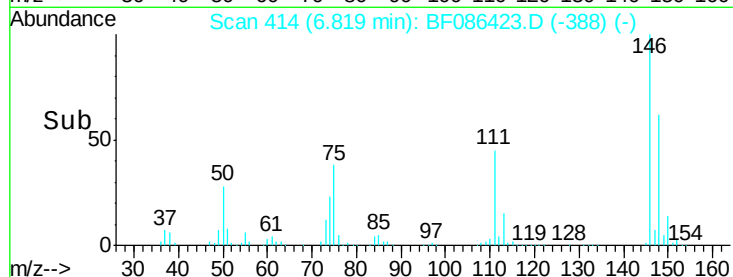
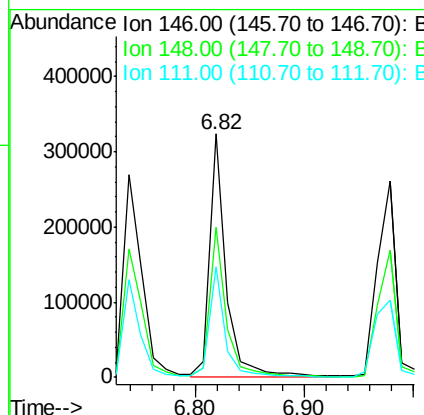
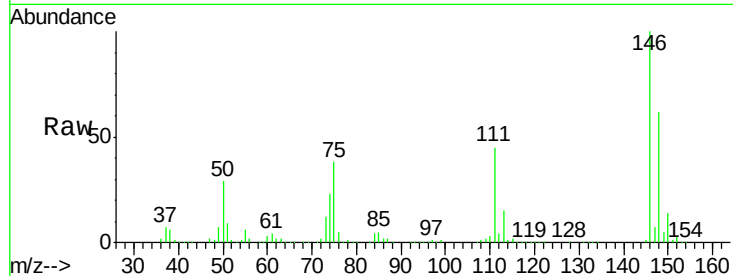




#13
 1,4-Dichlorobenzene
 Concen: 36.02 ng
 RT: 6.82 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: BF086423.D
 Acq: 27 Apr 2016 14:45

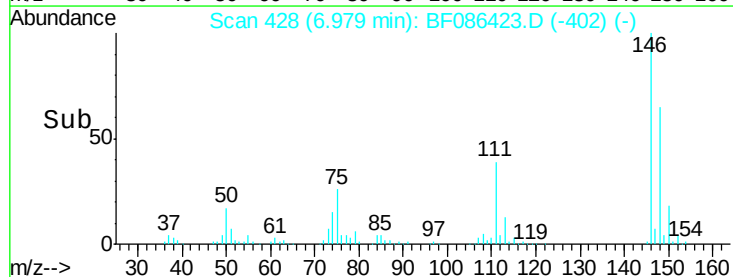
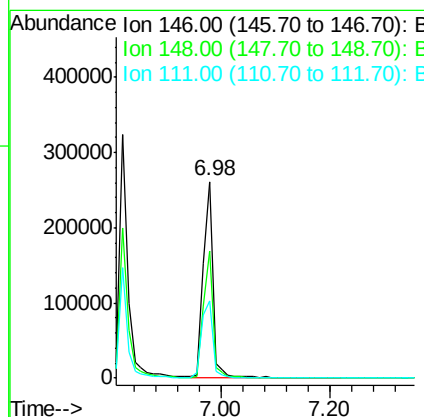
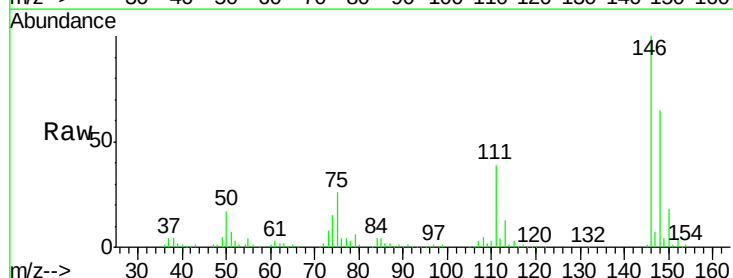
Instrument :
 BNA_F
 ClientSampleId :
 PB89850BSD

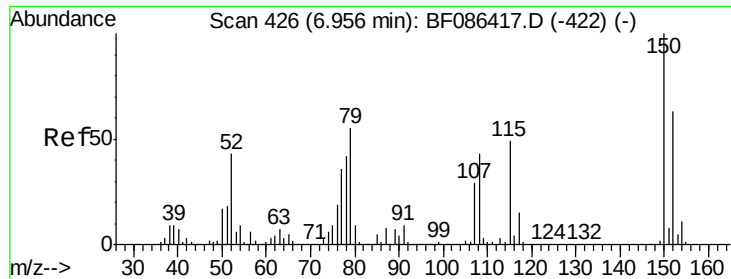
Tot Ion:146 Resp: 341654
 Ion Ratio Lower Upper
 146 100
 148 61.6 52.2 78.4
 111 45.1 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 36.63 ng
 RT: 6.98 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BF086423.D
 Acq: 27 Apr 2016 14:45

Tgt Ion:146 Resp: 318621
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.0 76.6
 111 39.1 36.2 54.4

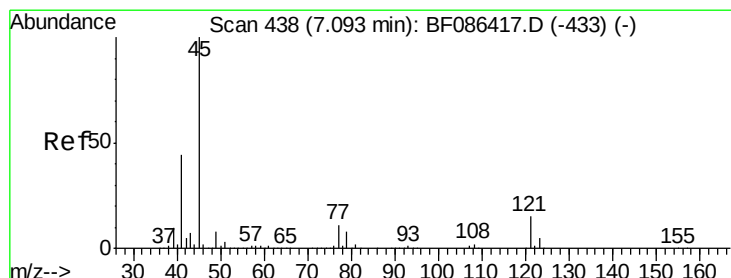
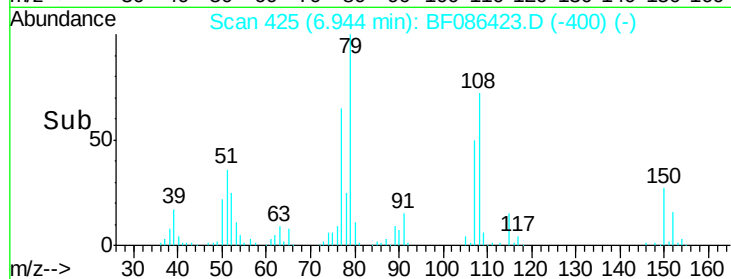
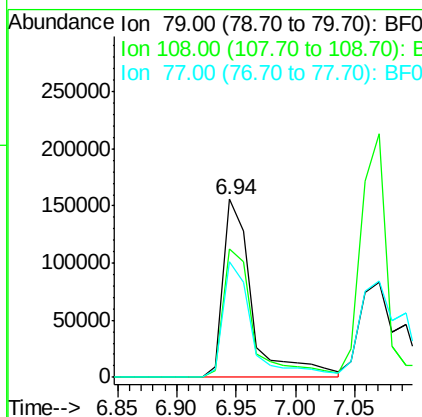
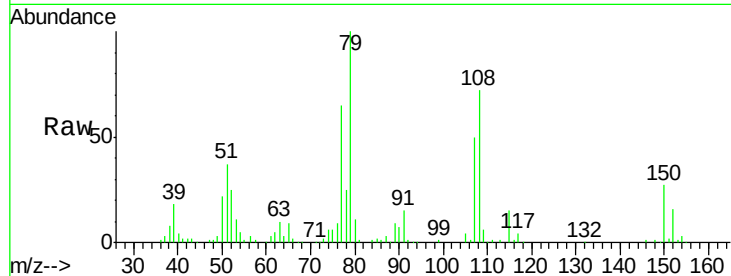




#15
Benzyl Alcohol
Concen: 43.59 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

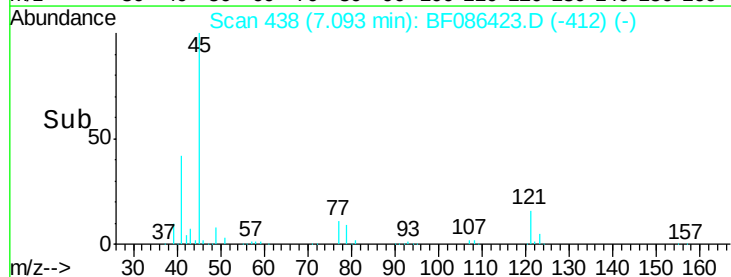
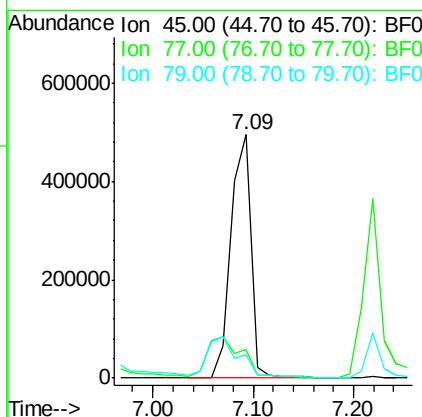
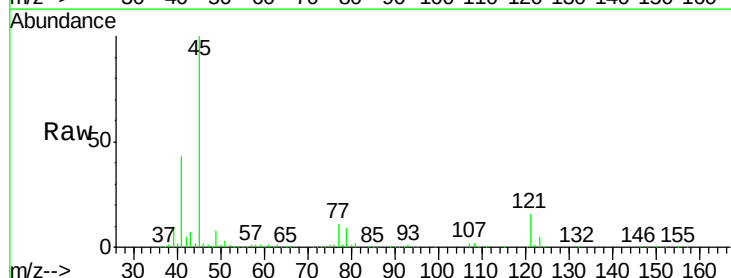
Instrument :
BNA_F
ClientSampleId :
PB89850BSD

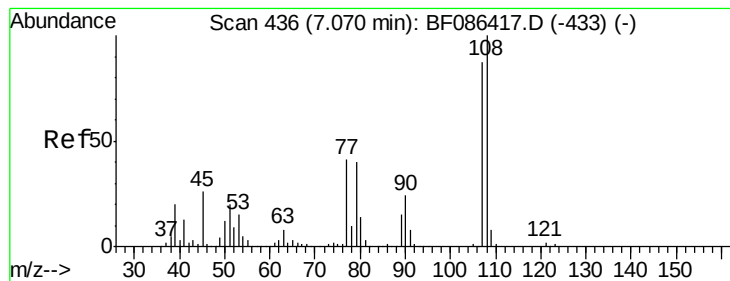
Tot Ion: 79 Resp: 264103
Ion Ratio Lower Upper
79 100
108 72.1 68.4 102.6
77 65.1 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.12 ng
RT: 7.09 min Scan# 438
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Tgt Ion: 45 Resp: 686264
Ion Ratio Lower Upper
45 100
77 11.5 0.0 36.4
79 9.5 0.0 33.4

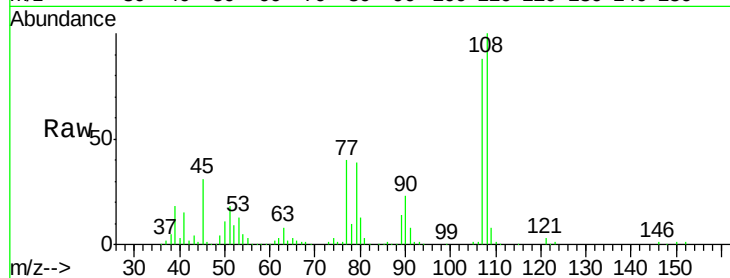




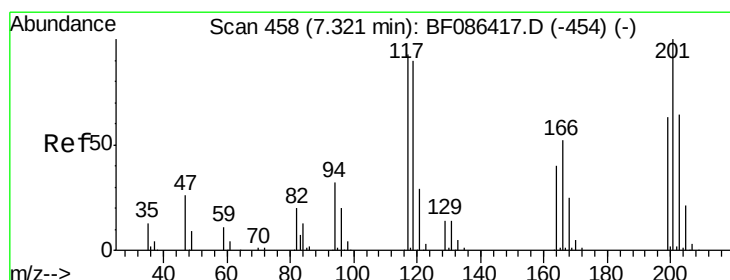
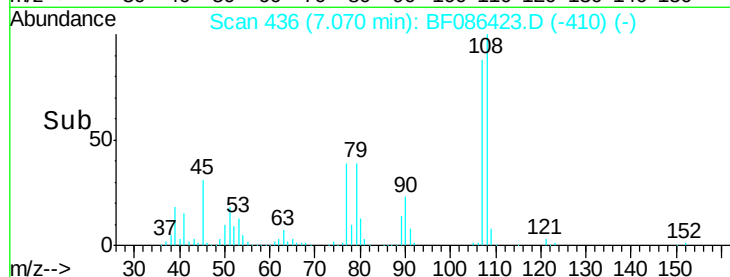
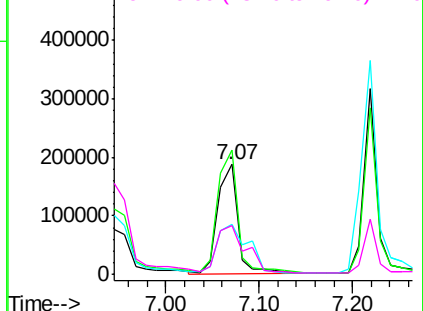
#17
2-Methylphenol
Concen: 40.44 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Instrument :
BNA_F
ClientSampleId :
PB89850BSD

Tot Ion:107 Resp: 279310
Ion Ratio Lower Upper
107 100
108 113.1 93.7 140.5
77 44.9 33.4 50.0
79 44.0 34.3 51.5

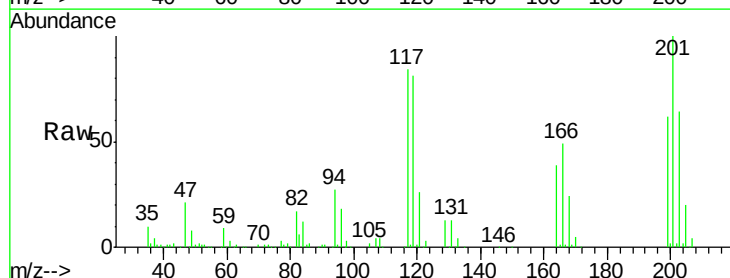


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

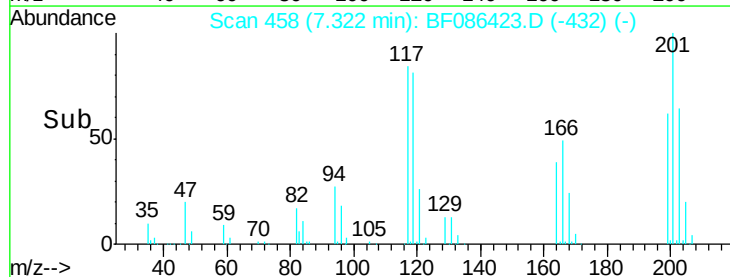
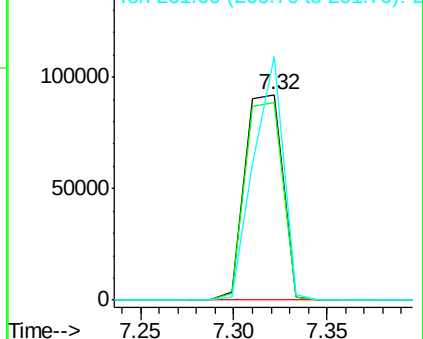


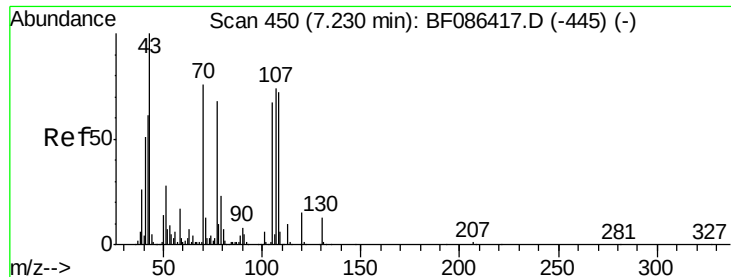
#18
Hexachloroethane
Concen: 36.21 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Tgt Ion:117 Resp: 128330
Ion Ratio Lower Upper
117 100
119 96.5 76.5 114.7
201 118.6 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

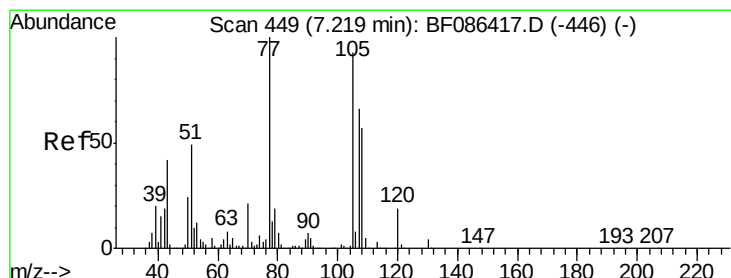
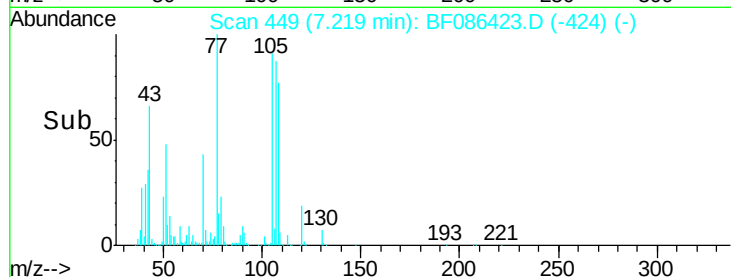
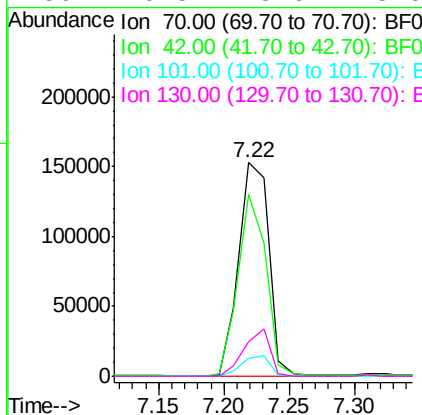
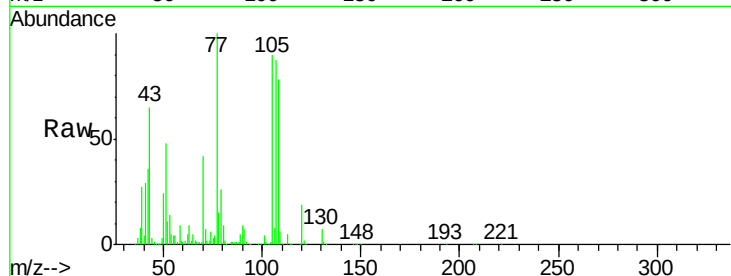




#19
n-Nitroso-di-n-propylamine
Concen: 38.91 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

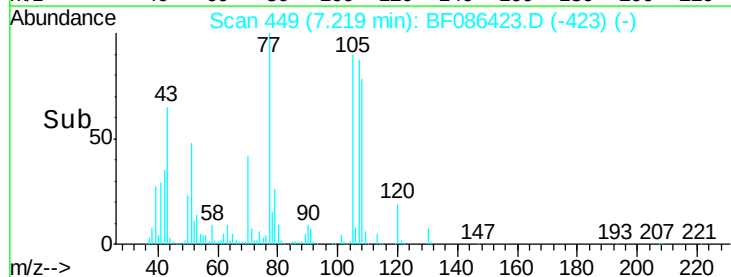
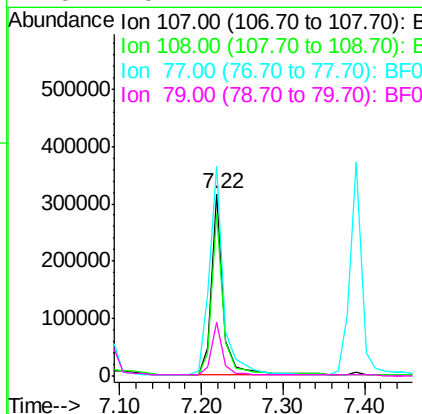
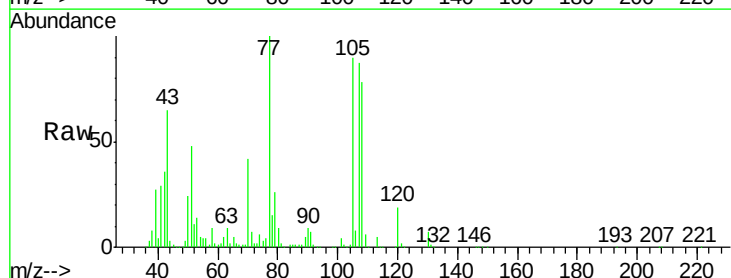
Instrument :
BNA_F
ClientSampleId :
PB89850BSD

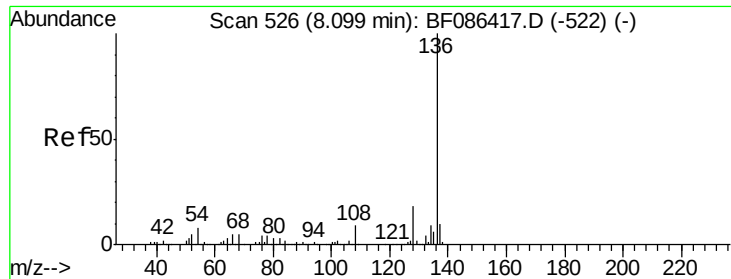
Tot Ion: 70 Resp: 246282
Ion Ratio Lower Upper
70 100
42 85.2 43.1 64.7#
101 8.6 8.1 12.1
130 16.5 18.6 28.0#



#20
3+4-Methylphenols
Concen: 41.29 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Tgt Ion:107 Resp: 325629
Ion Ratio Lower Upper
107 100
108 89.5 68.5 108.5
77 115.3 101.6 141.6
79 29.4 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB89850BSD

Tot Ion:136 Resp: 493537

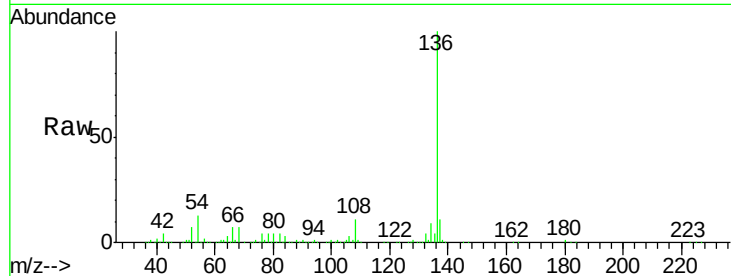
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 12.7 5.0 7.4#

68 7.5 4.4 6.6#

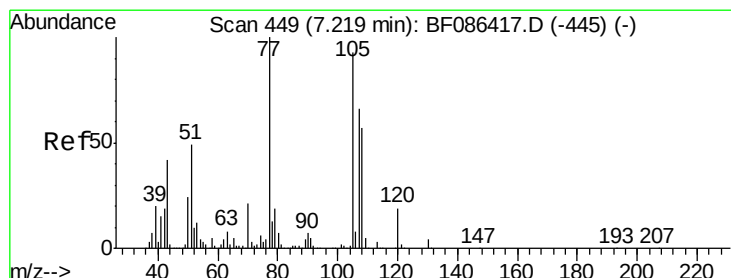
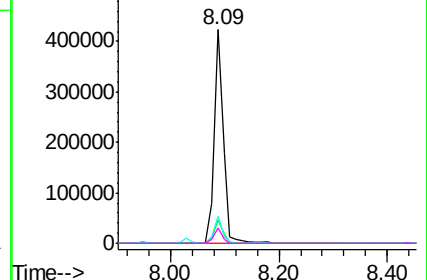
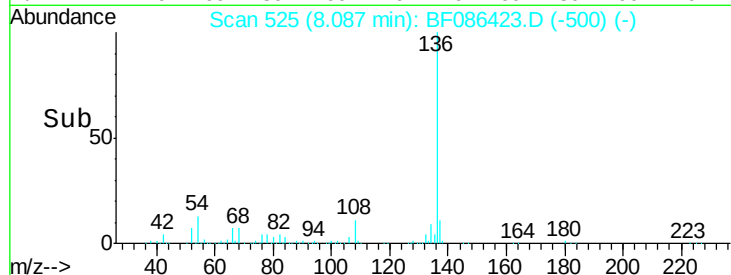


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.07 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Tgt Ion:105 Resp: 444412

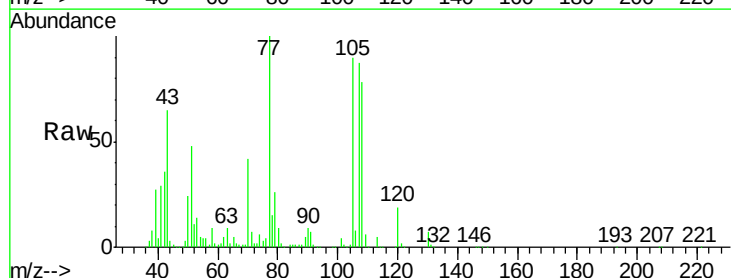
Ion Ratio Lower Upper

105 100

71 7.8 4.8 7.2#

51 53.5 32.6 49.0#

120 21.1 16.5 24.7

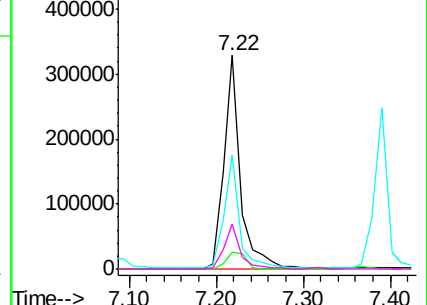
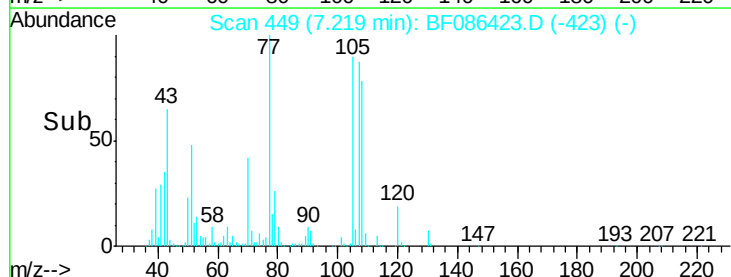


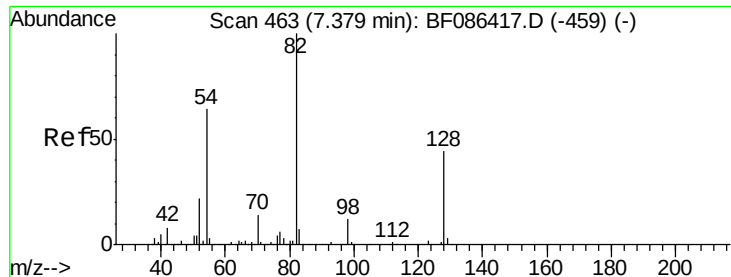
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

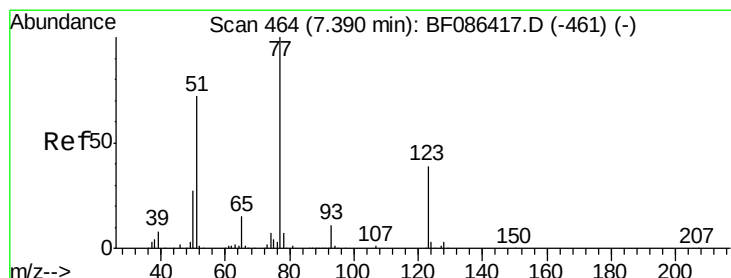
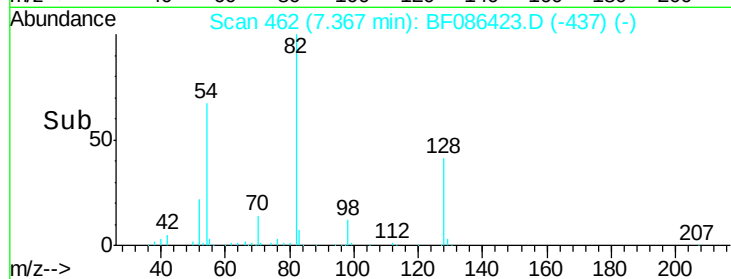
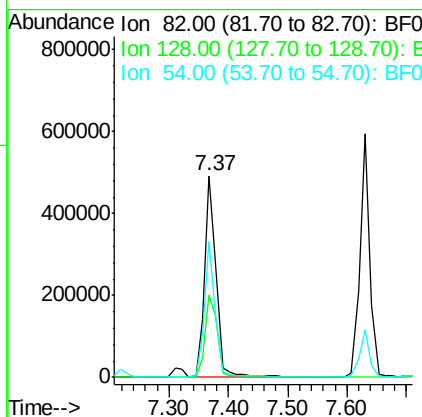
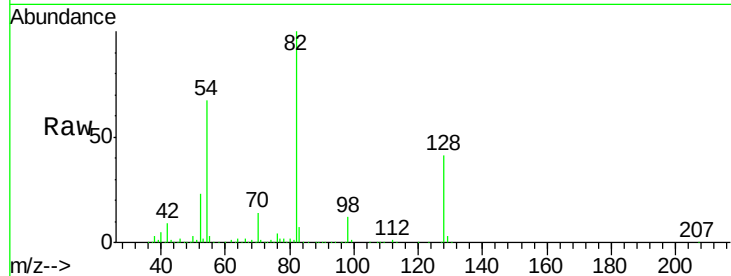




#23
 Nitrobenzene-d5
 Concen: 75.23 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF086423.D
 Acq: 27 Apr 2016 14:45

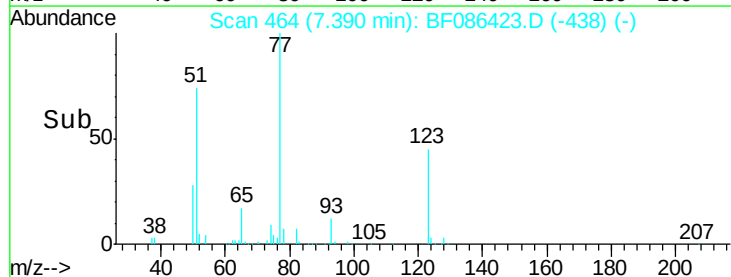
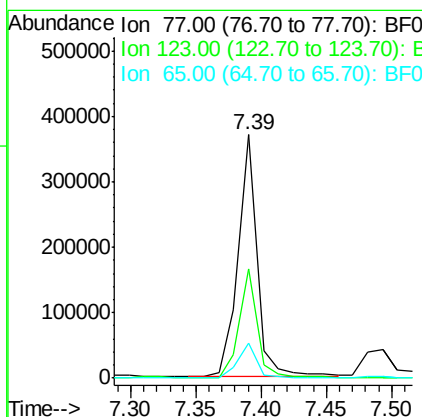
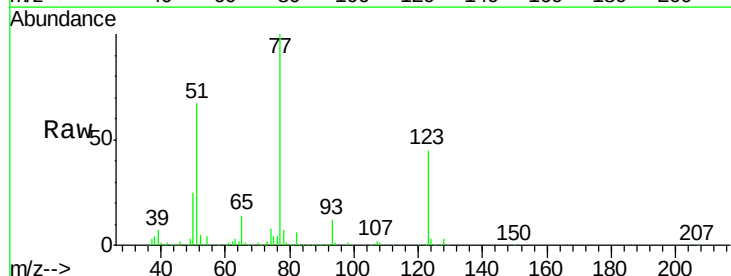
Instrument :
 BNA_F
 ClientSampleId :
 PB89850BSD

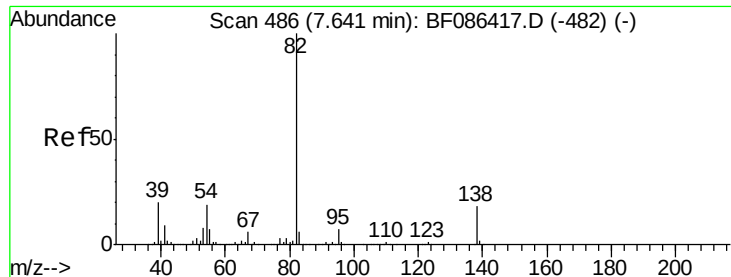
Tot Ion	82	Resp	688872
Ion	Ratio	Lower	Upper
82	100		
128	40.6	40.6	61.0#
54	67.1	38.1	57.1#



#24
 Nitrobenzene
 Concen: 40.06 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF086423.D
 Acq: 27 Apr 2016 14:45

Tgt Ion	77	Resp	377348
Ion	Ratio	Lower	Upper
77	100		
123	44.8	33.0	49.4
65	14.4	10.8	16.2





#25

Isophorone

Concen: 38.80 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB89850BSD

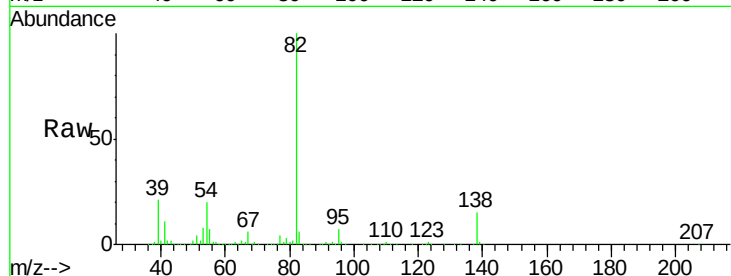
Tot Ion: 82 Resp: 683734

Ion Ratio Lower Upper

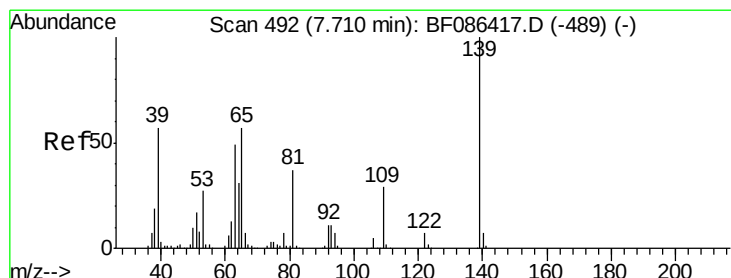
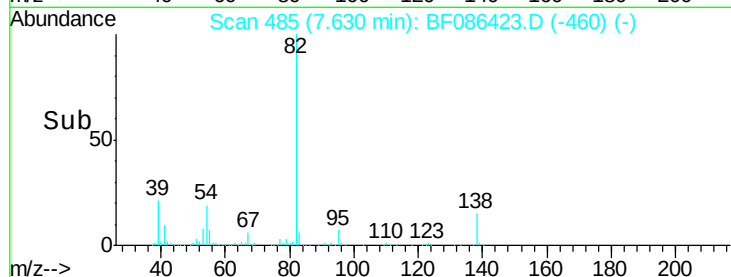
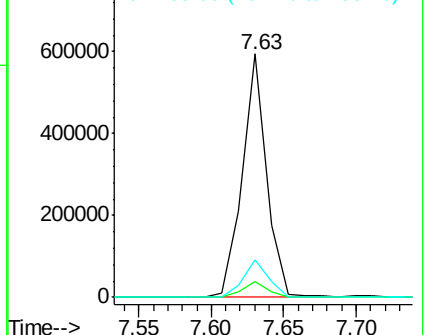
82 100

95 6.7 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: 39.56 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

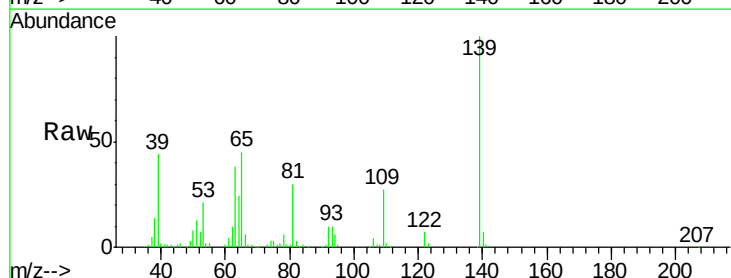
Tgt Ion: 139 Resp: 171579

Ion Ratio Lower Upper

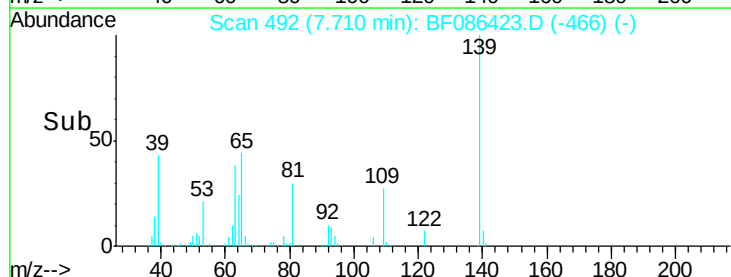
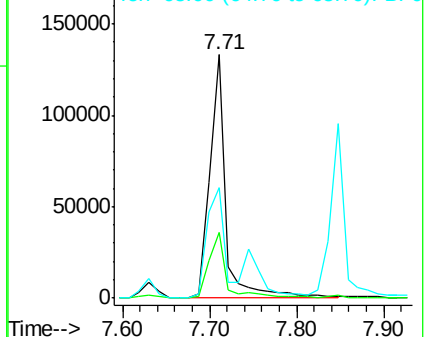
139 100

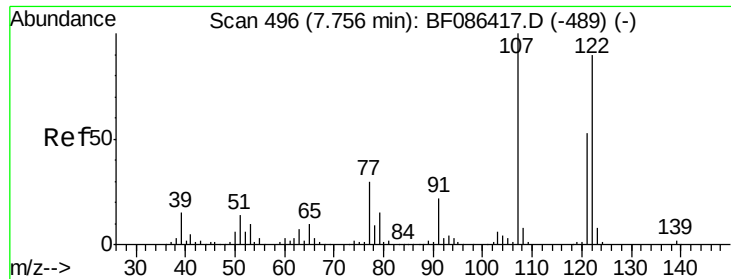
109 27.1 19.5 29.3

65 45.4 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: 39.11 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB89850BSD

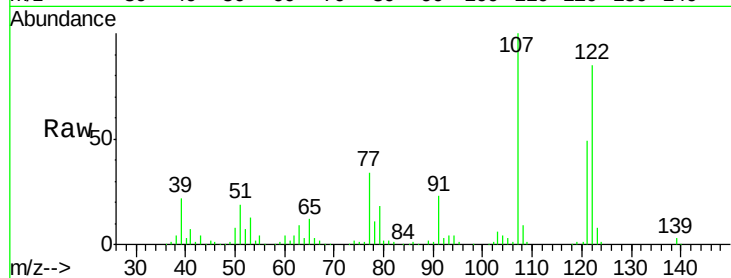
Tot Ion:122 Resp: 297590

Ion Ratio Lower Upper

122 100

107 117.6 82.0 123.0

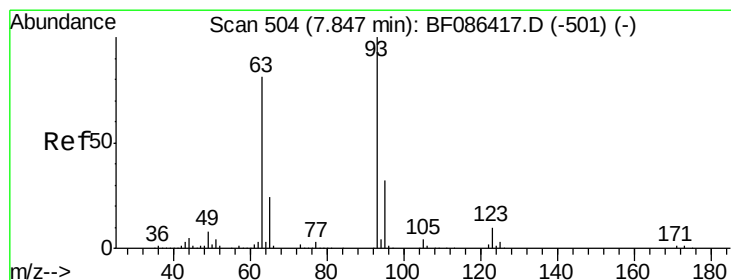
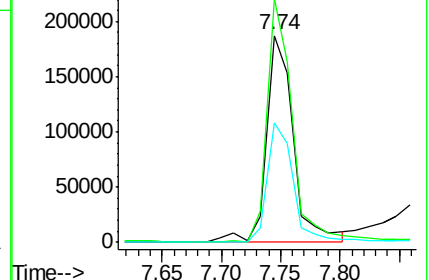
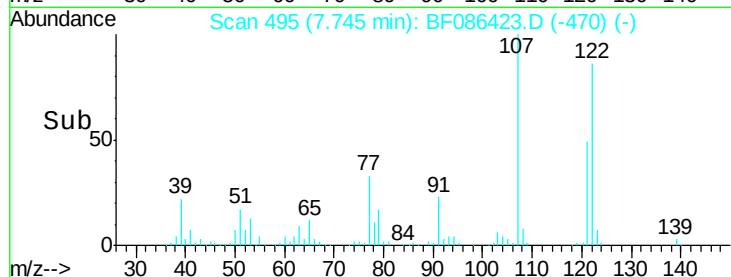
121 57.5 46.1 69.1



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: 44.30 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

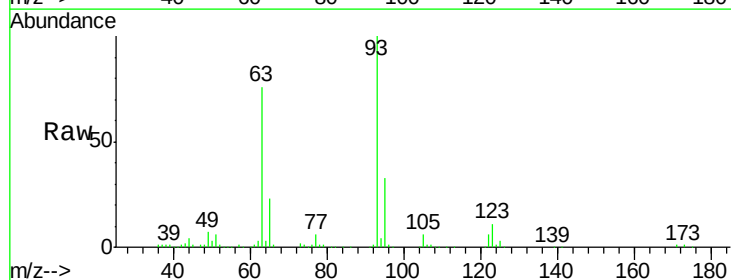
Tgt Ion: 93 Resp: 425284

Ion Ratio Lower Upper

93 100

95 32.7 26.0 39.0

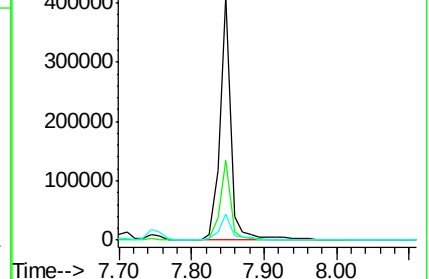
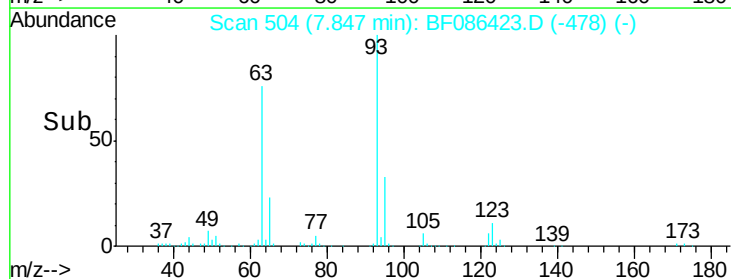
123 10.6 9.5 14.3

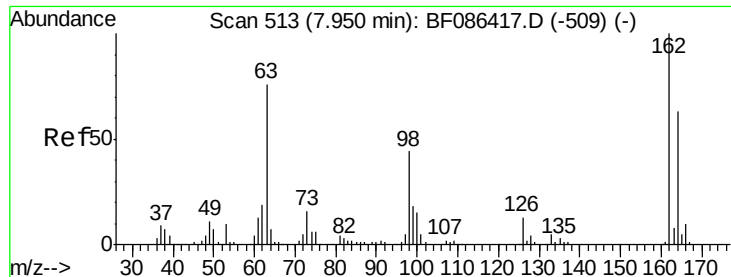


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

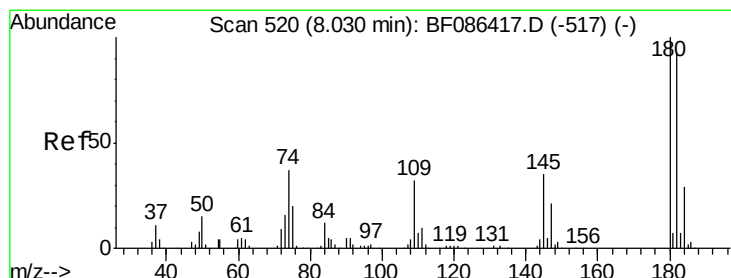
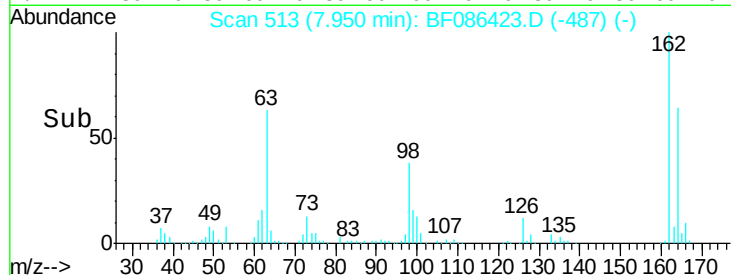
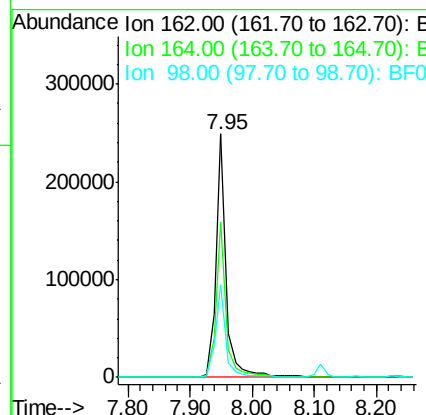
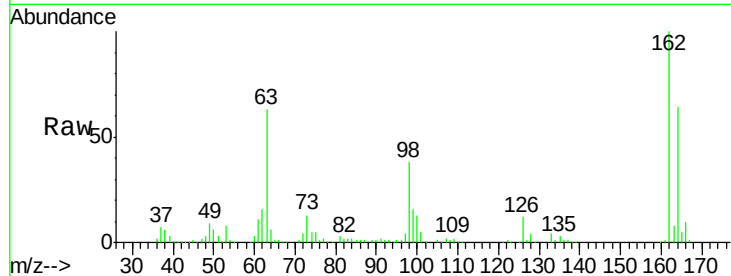




#29
 2,4-Dichlorophenol
 Concen: 43.95 ng
 RT: 7.95 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF086423.D
 Acq: 27 Apr 2016 14:45

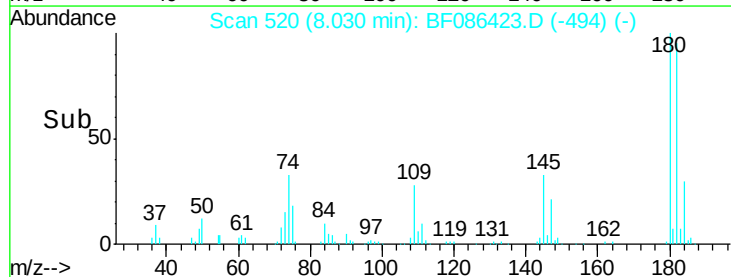
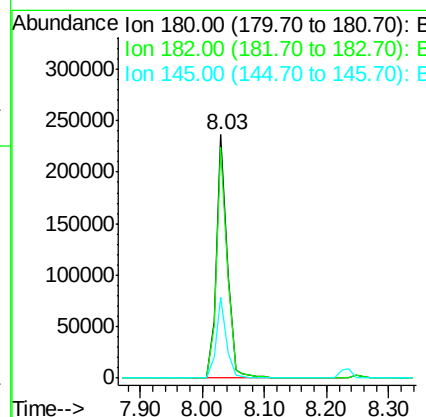
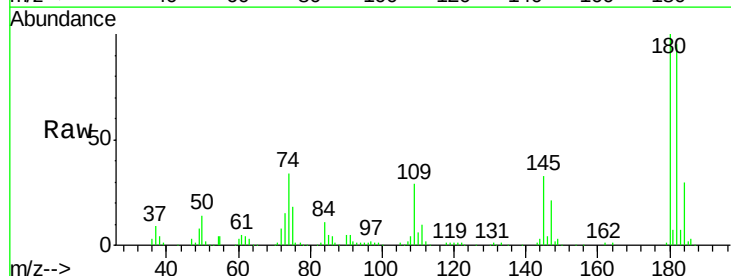
Instrument :
 BNA_F
 ClientSampleId :
 PB89850BSD

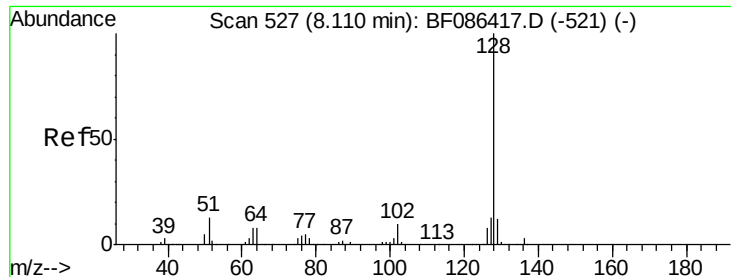
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	42.2	82.2
98	38.3	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 38.15 ng
 RT: 8.03 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF086423.D
 Acq: 27 Apr 2016 14:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	78.0	117.0
145	33.3	24.2	36.2

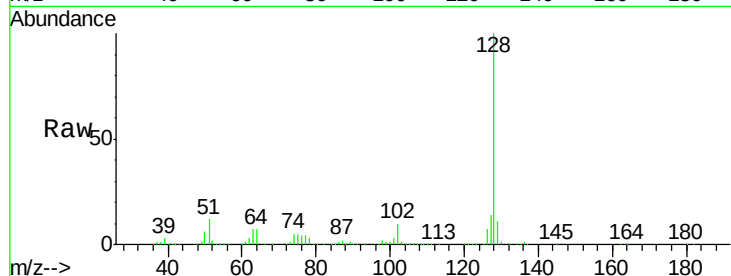




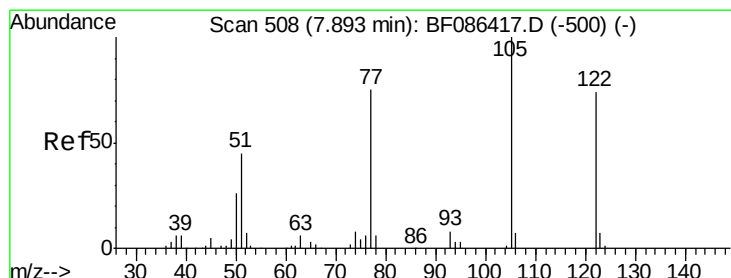
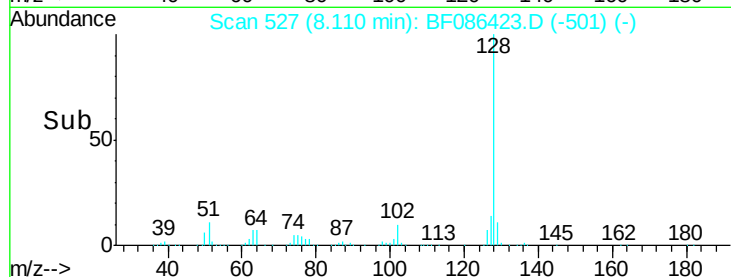
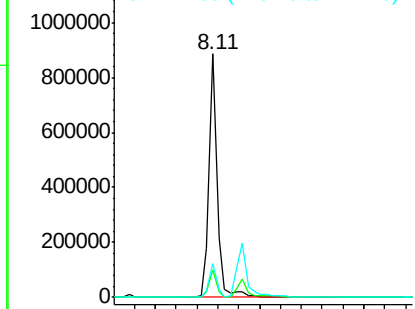
#31
Naphthalene
Concen: 38.43 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Instrument :
BNA_F
ClientSampleId :
PB89850BSD

Tot Ion:128 Resp: 965088
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.6 10.8 16.2

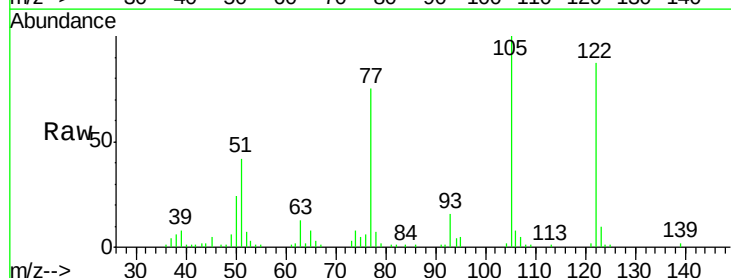


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

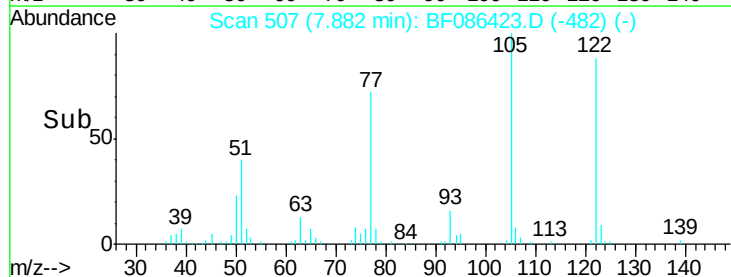
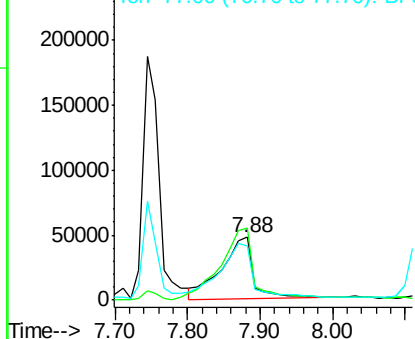


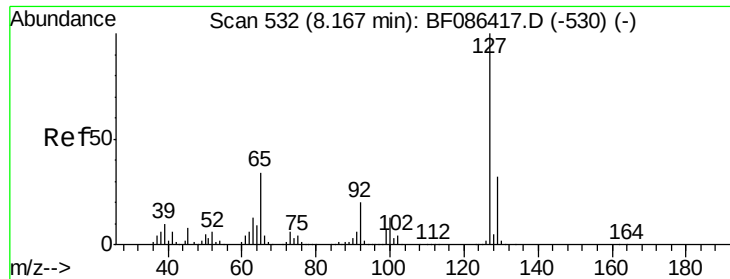
#32
Benzoic acid
Concen: 34.60 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Tgt Ion:122 Resp: 145578
Ion Ratio Lower Upper
122 100
105 115.3 92.6 132.6
77 86.9 60.0 100.0



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

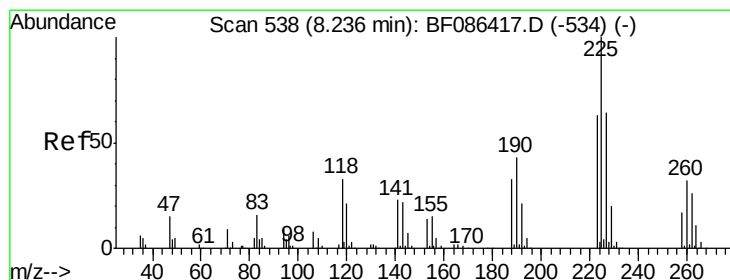
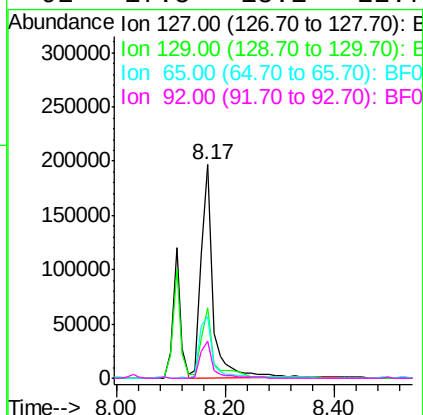
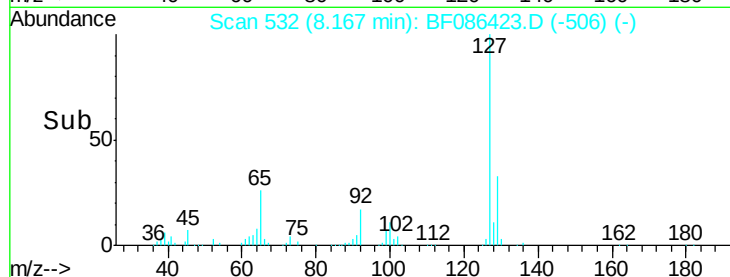
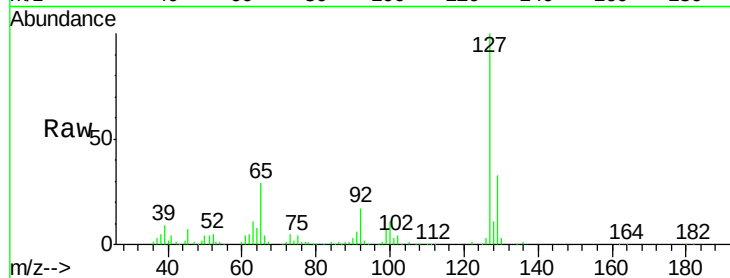




#33
4-Chloroaniline
Concen: 31.42 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

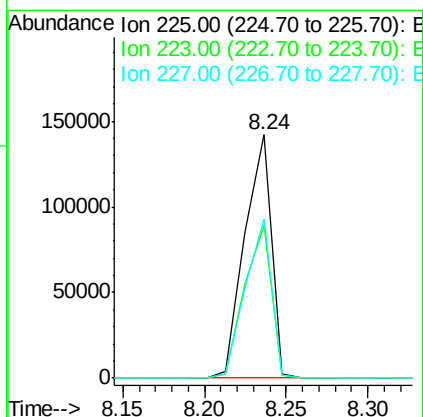
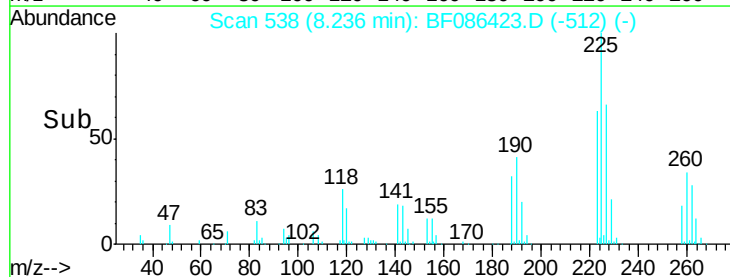
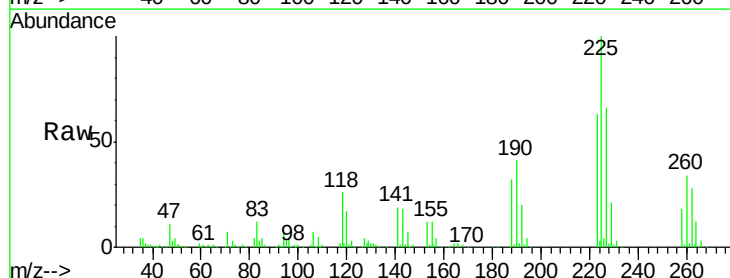
Instrument :
BNA_F
ClientSampleId :
PB89850BSD

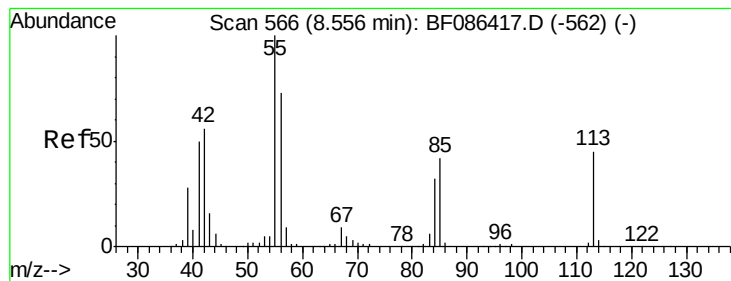
Tot Ion:	127	Resp:	295444
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.4
65	28.9	23.0	34.4
92	17.5	15.1	22.7



#34
Hexachlorobutadiene
Concen: 38.40 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Tgt Ion:	225	Resp:	160305
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.5	77.3
227	65.5	52.2	78.2





#35

Caprolactam

Concen: 24.68 ng

RT: 8.53 min Scan# 564

Delta R.T. -0.02 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB89850BSD

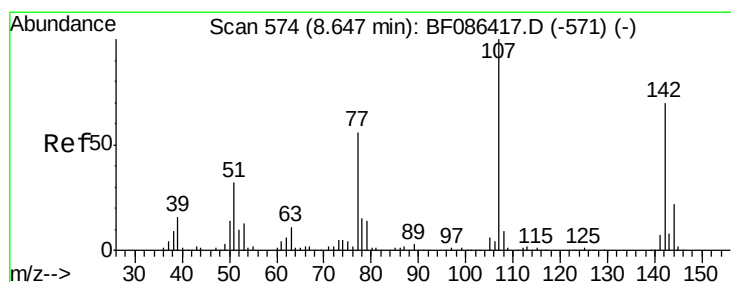
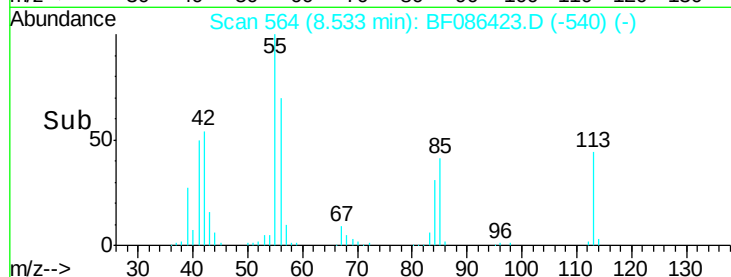
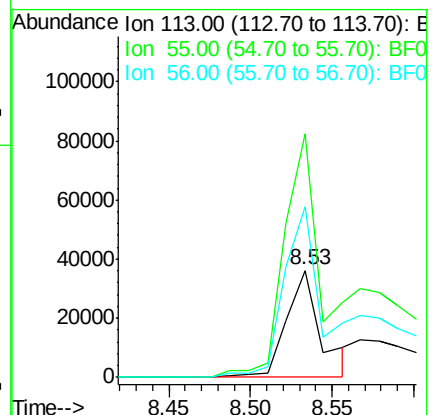
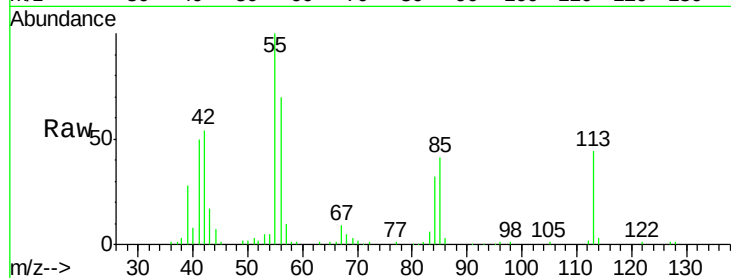
Tot Ion:113 Resp: 52869

Ion Ratio Lower Upper

113 100

55 227.1 162.0 202.0#

56 159.3 115.3 155.3#



#36

4-Chloro-3-methylphenol

Concen: 41.14 ng

RT: 8.65 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

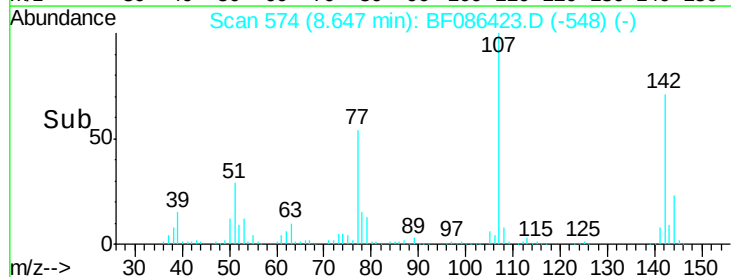
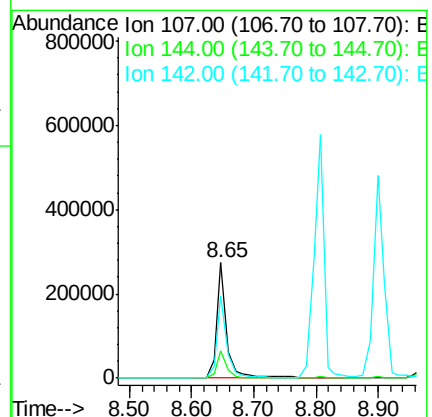
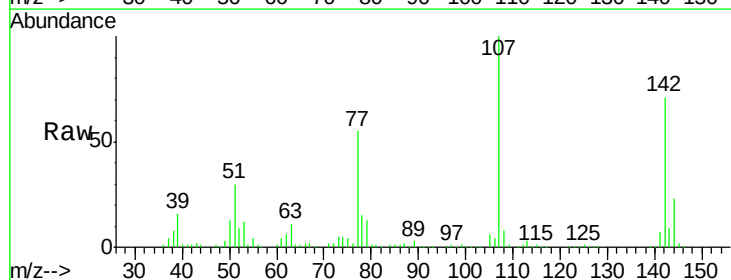
Tgt Ion:107 Resp: 302389

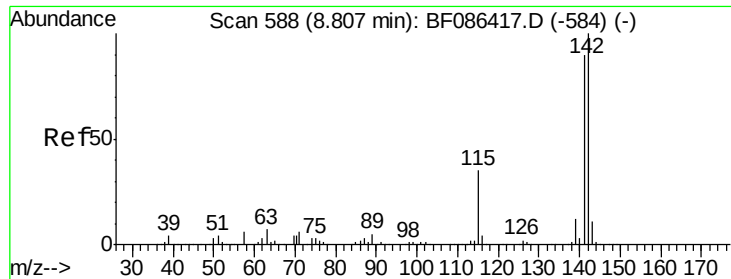
Ion Ratio Lower Upper

107 100

144 23.3 20.7 31.1

142 71.3 63.2 94.8

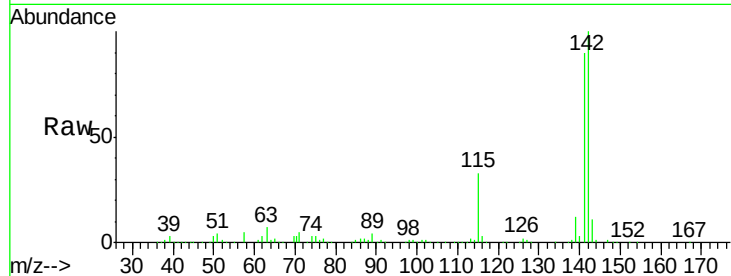




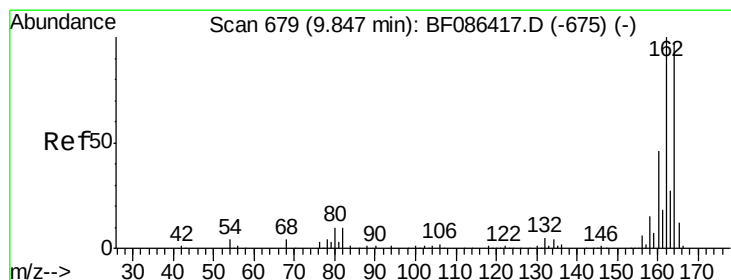
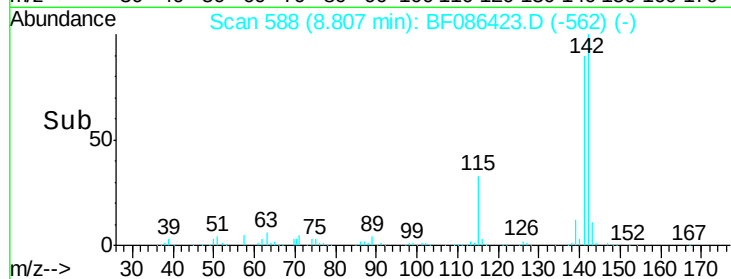
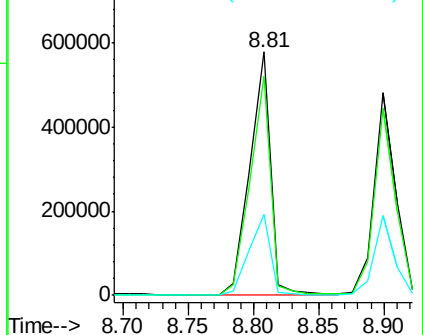
#37
 2-Methylnaphthalene
 Concen: 43.45 ng
 RT: 8.81 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF086423.D
 Acq: 27 Apr 2016 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.0	106.6
115	33.2	26.6	39.8

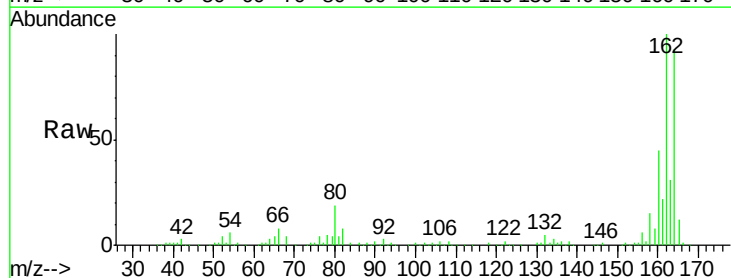


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

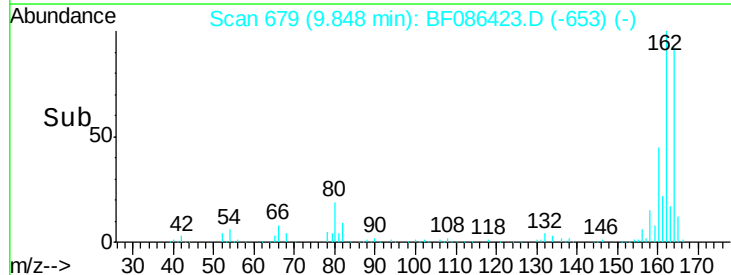
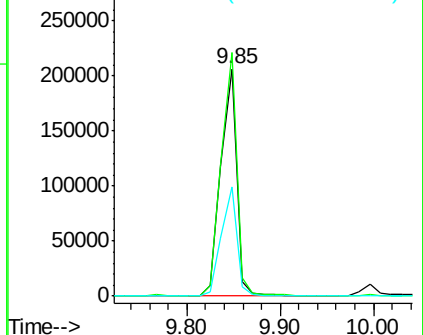


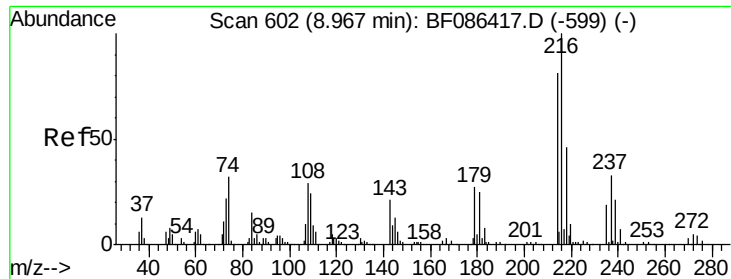
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BF086423.D
 Acq: 27 Apr 2016 14:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.0	82.8	124.2
160	48.1	36.9	55.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.98 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB89850BSD

Tot Ion:216 Resp: 243989

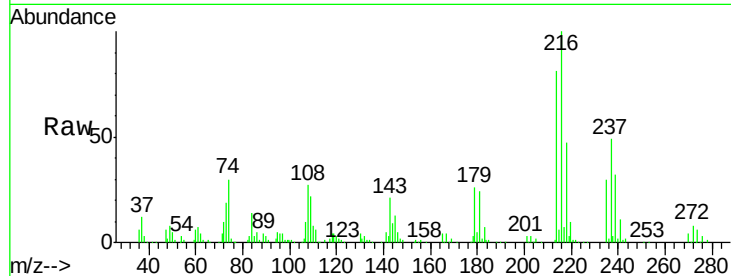
Ion Ratio Lower Upper

216 100

214 79.9 62.6 93.8

179 23.1 18.2 27.4

108 26.0 17.5 26.3

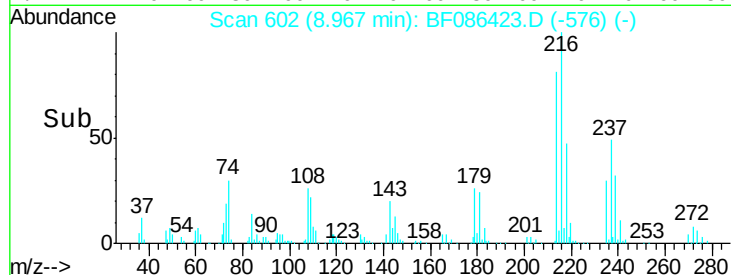


Abundance Ion 216.00 (215.70 to 216.70): E

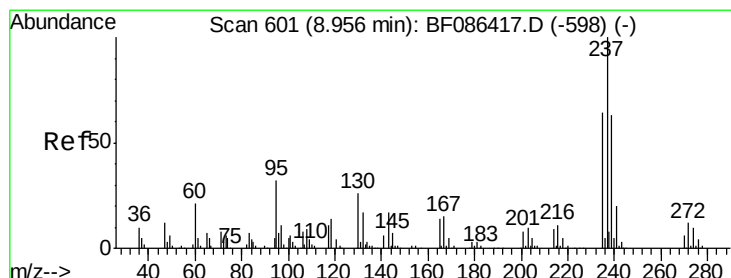
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 81.40 ng

RT: 8.96 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

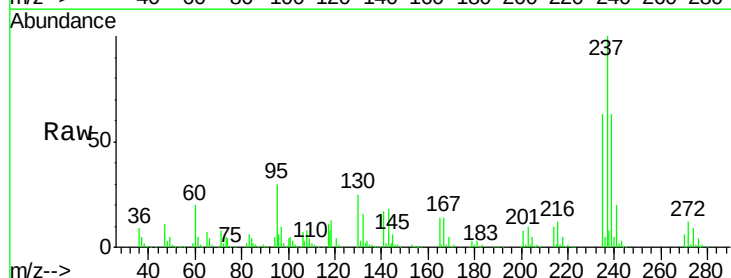
Tgt Ion:237 Resp: 282193

Ion Ratio Lower Upper

237 100

235 62.6 47.2 87.2

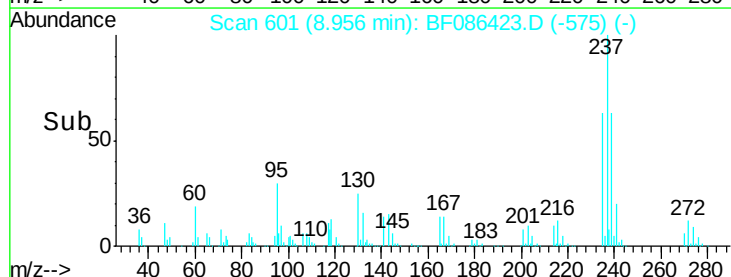
272 11.8 0.0 31.1



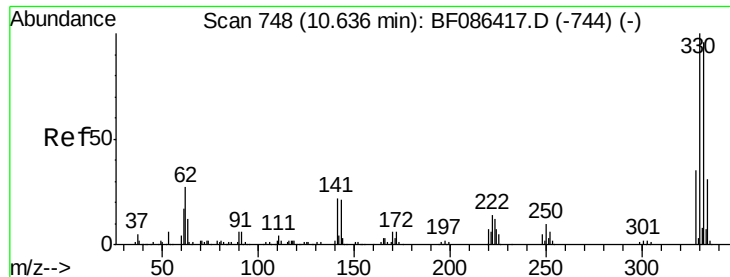
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



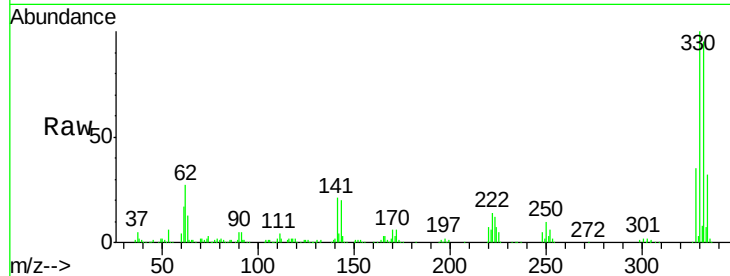
Time-->



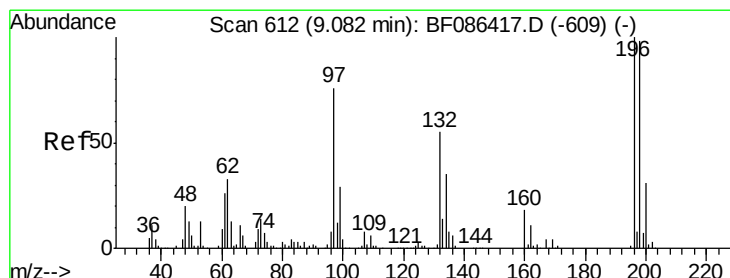
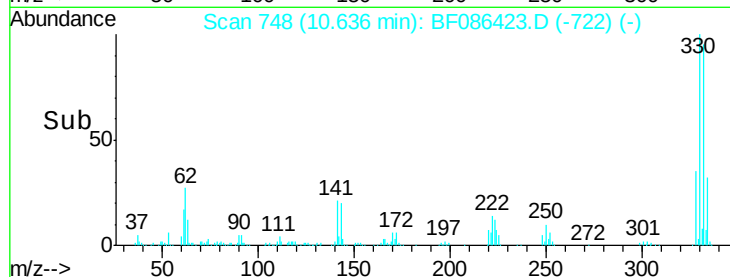
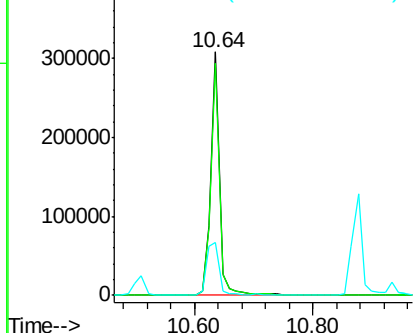
#41
 2,4,6-Tribromophenol
 Concen: 123.83 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF086423.D
 Acq: 27 Apr 2016 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	79.0	118.4
141	31.1	31.2	46.8#

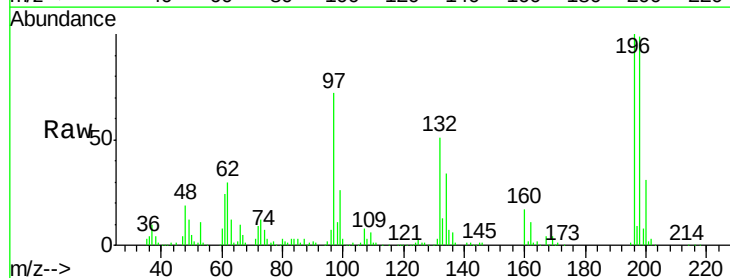


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

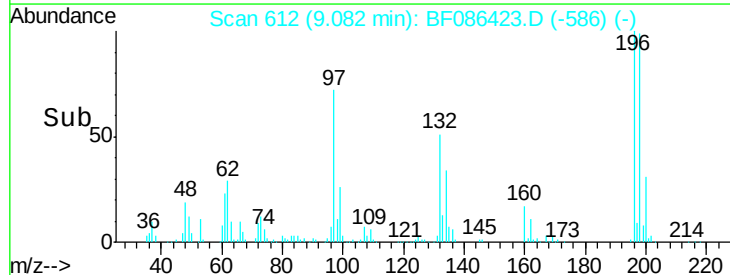
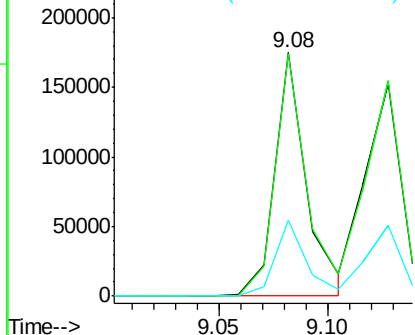


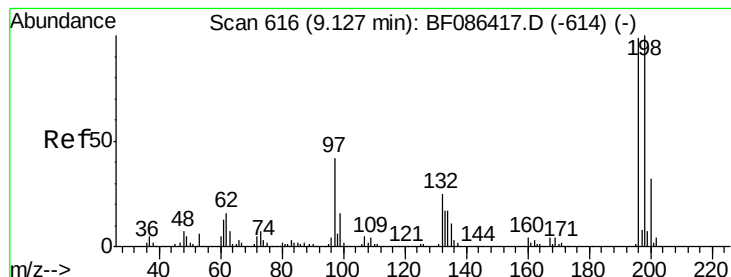
#42
 2,4,6-Trichlorophenol
 Concen: 40.49 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF086423.D
 Acq: 27 Apr 2016 14:45

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.5	74.7	112.1
200	31.1	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: 39.58 ng

RT: 9.13 min Scan# 616

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB89850BSD

Tot Ion:196 Resp: 190230

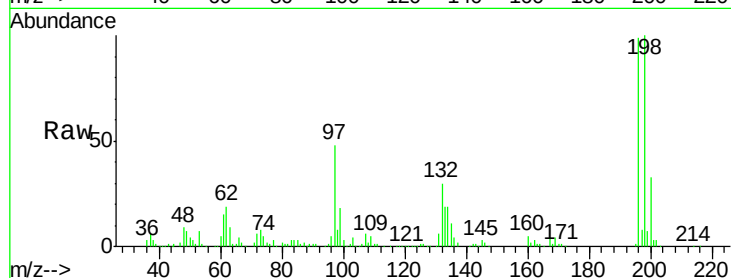
Ion Ratio Lower Upper

196 100

198 101.5 77.5 116.3

97 48.8 34.8 52.2

132 30.0 23.0 34.4

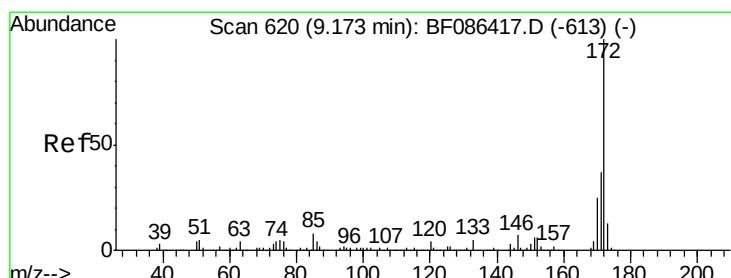
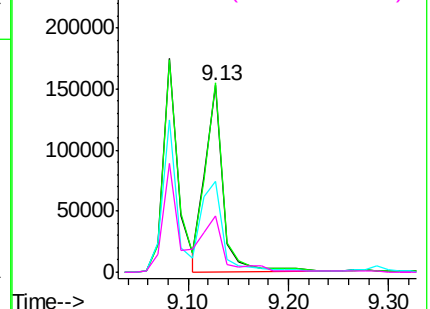
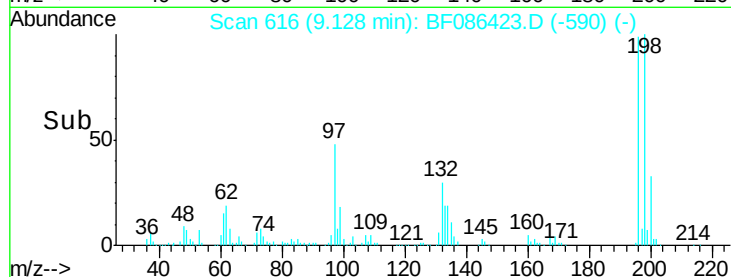


Abundance Ion 196.00 (195.70 to 196.70): E

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: 91.35 ng

RT: 9.17 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

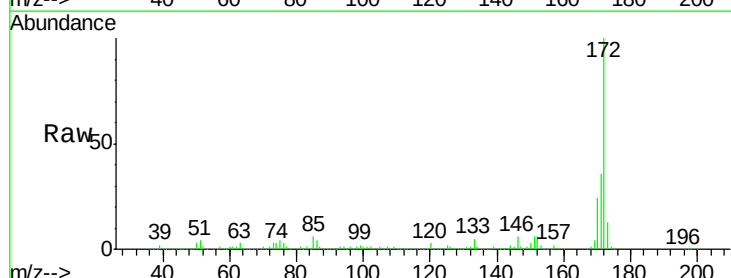
Tgt Ion:172 Resp: 1252056

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.6

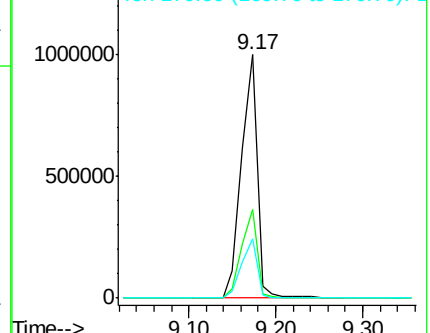
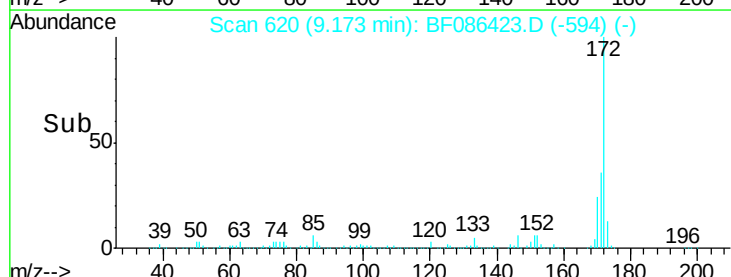
170 24.5 19.8 29.8

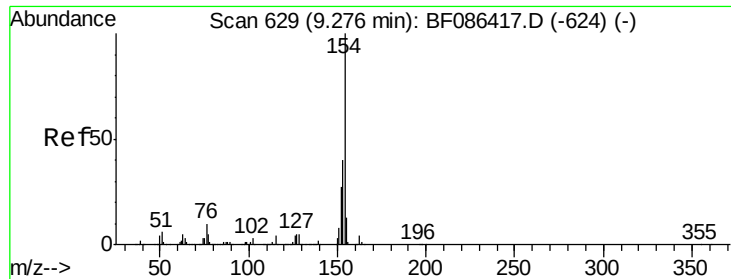


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

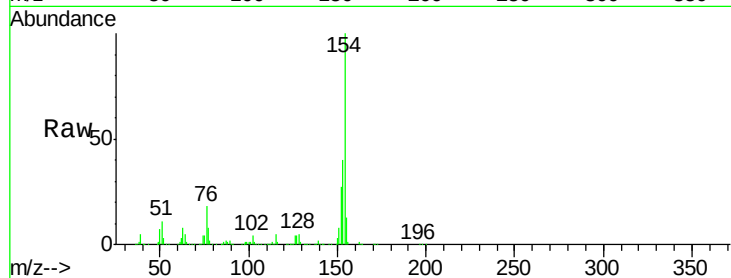




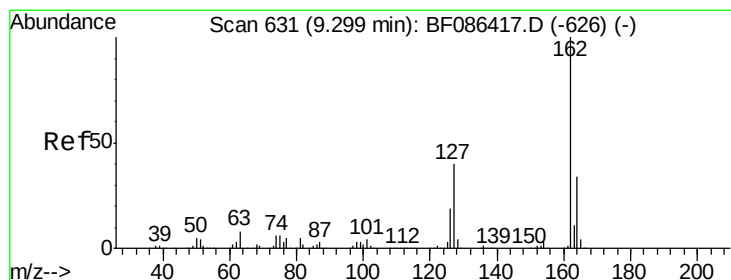
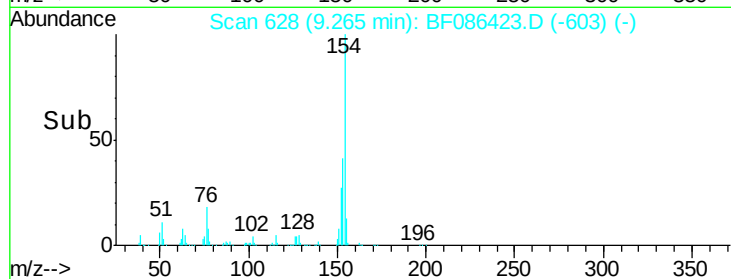
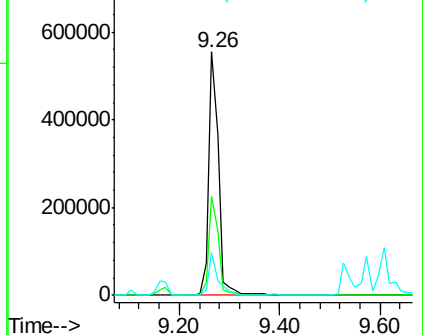
#45
 1,1'-Biphenyl
 Concen: 36.70 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.01 min
 Lab File: BF086423.D
 Acq: 27 Apr 2016 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.3	60.3
76	17.5	0.0	30.2

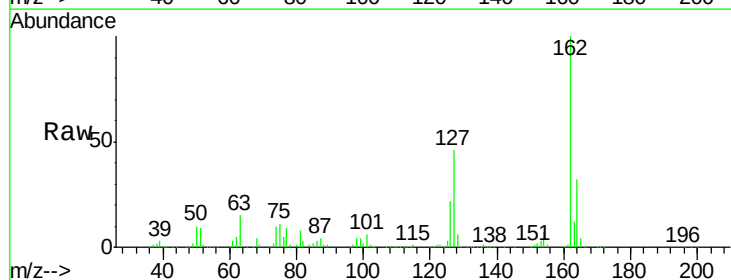


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

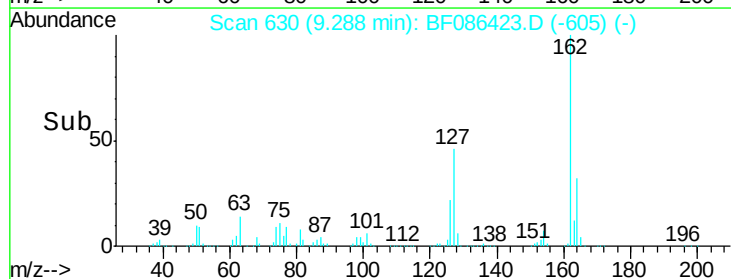
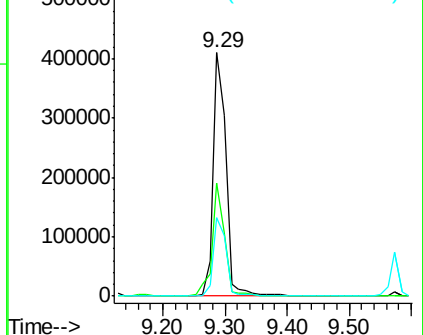


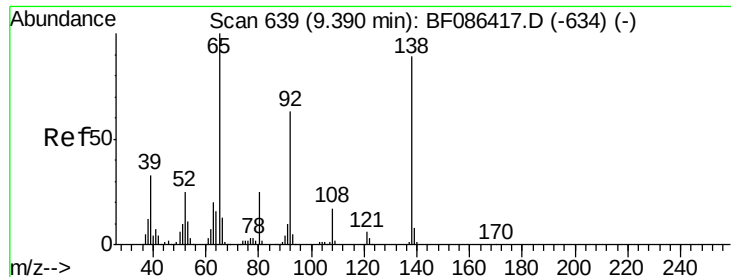
#46
 2-Chloronaphthalene
 Concen: 37.18 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF086423.D
 Acq: 27 Apr 2016 14:45

Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.3	31.8	47.6
164	32.2	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

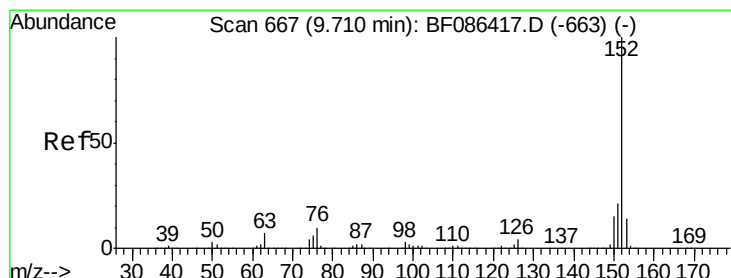
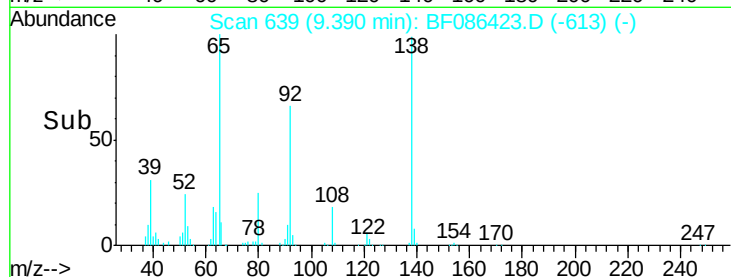
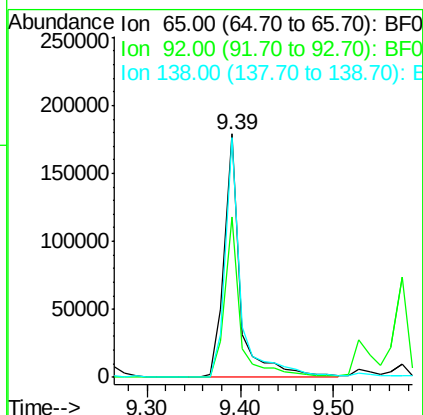
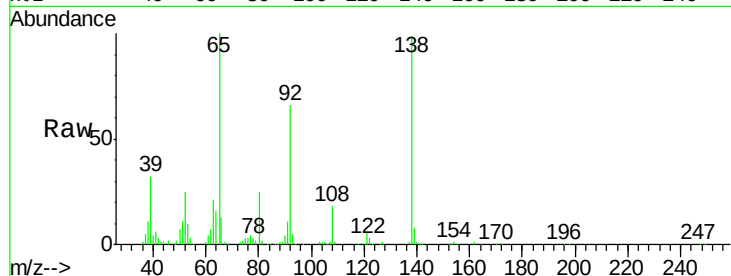




#47
2-Nitroaniline
Concen: 43.88 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

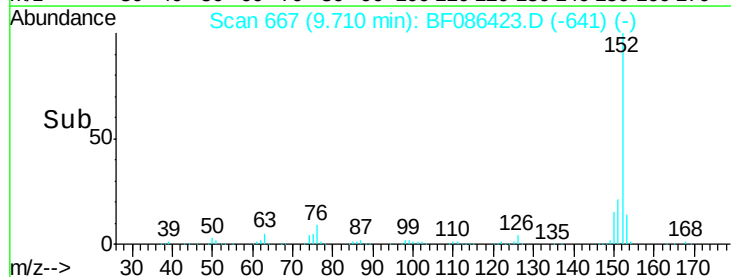
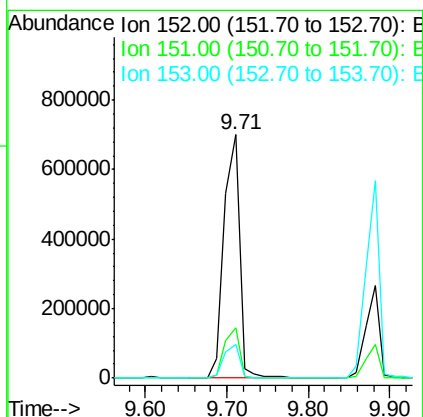
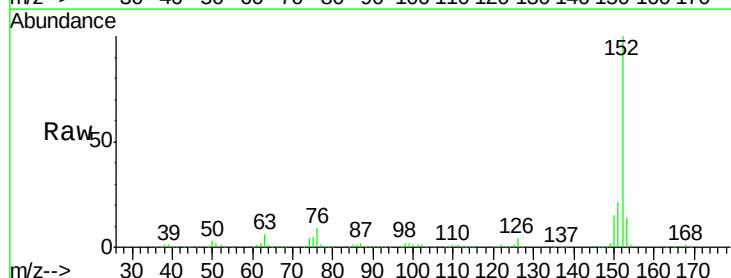
Instrument :
BNA_F
ClientSampleId :
PB89850BSD

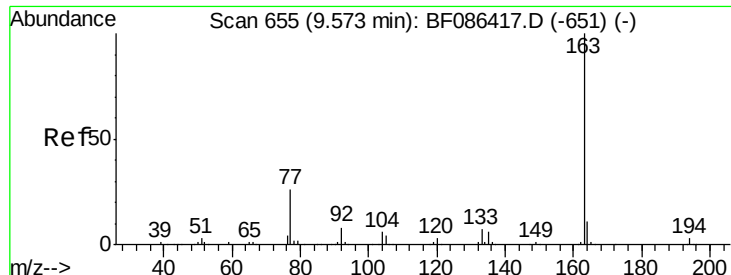
Tot Ion: 65 Resp: 217931
Ion Ratio Lower Upper
65 100
92 65.8 57.4 86.2
138 98.6 90.1 135.1



#48
Acenaphthylene
Concen: 38.34 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Tgt Ion: 152 Resp: 928151
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 13.6 10.9 16.3





#49

Dimethylphthalate

Concen: 37.67 ng

RT: 9.57 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB89850BSD

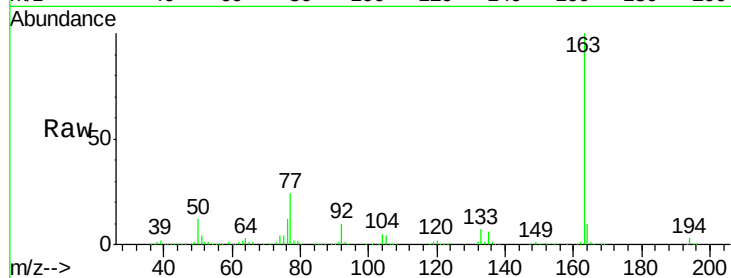
Tot Ion:163 Resp: 691137

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

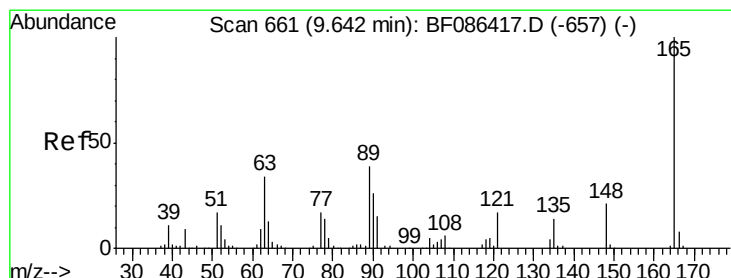
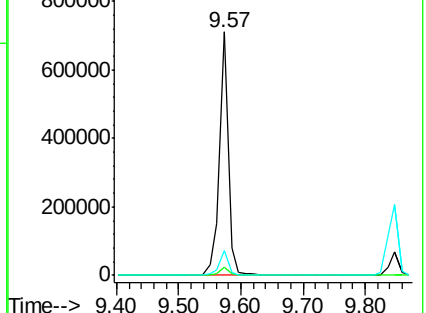
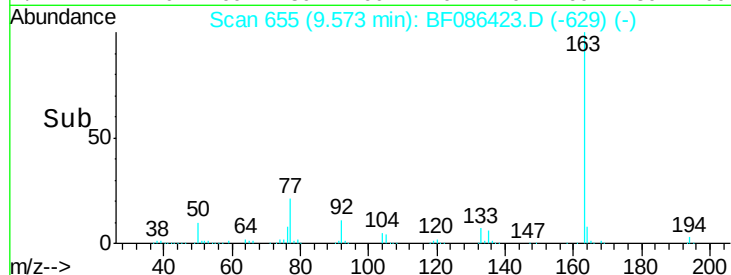
164 10.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.84 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

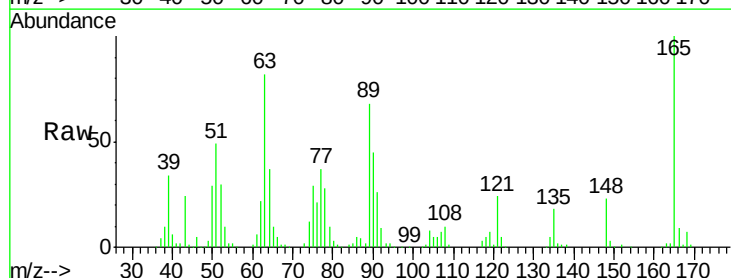
Tgt Ion:165 Resp: 147201

Ion Ratio Lower Upper

165 100

63 82.4 51.8 77.8#

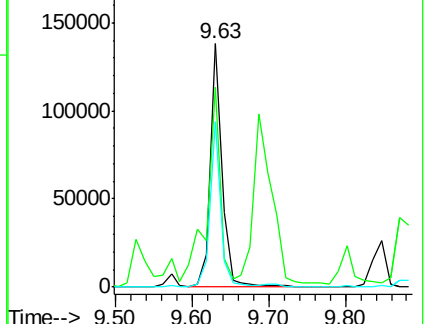
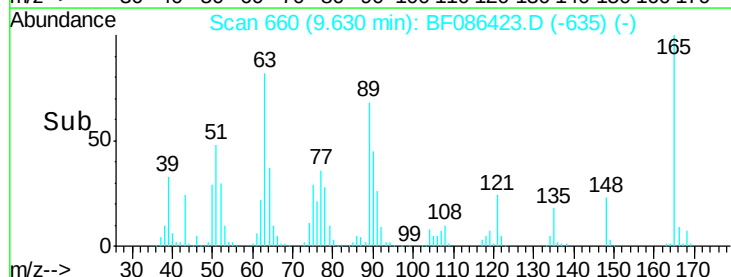
89 68.2 50.7 76.1

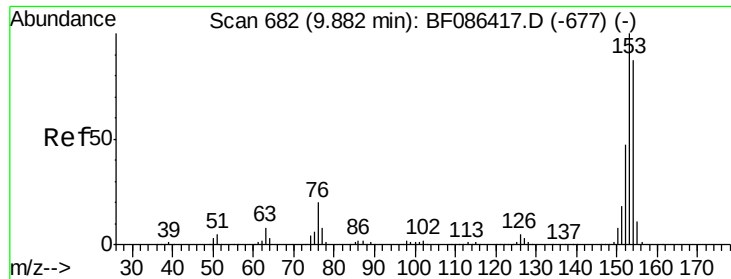


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

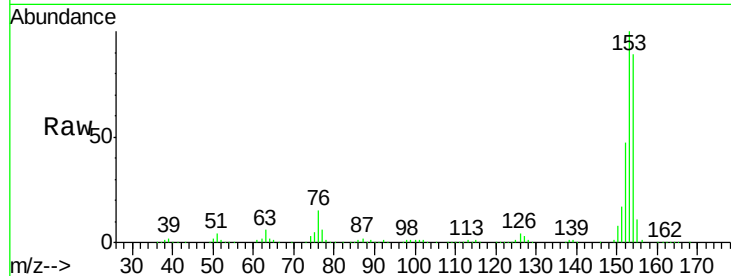




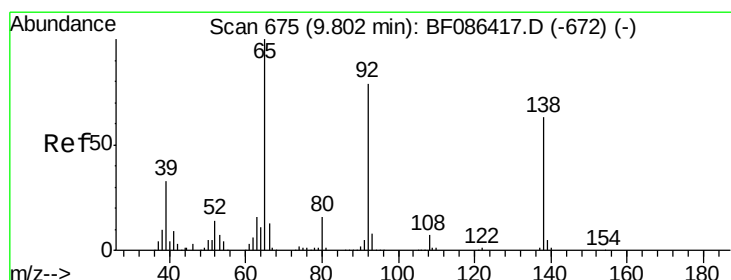
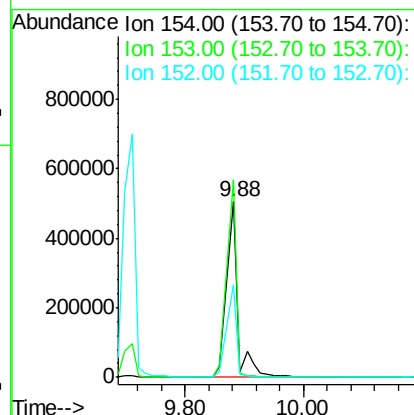
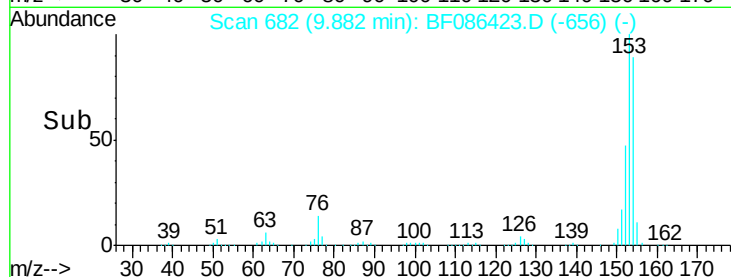
#51
Acenaphthene
Concen: 44.02 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Instrument :
BNA_F
ClientSampleId :
PB89850BSD

Tot Ion:154 Resp: 684490
Ion Ratio Lower Upper
154 100
153 112.6 89.8 134.6
152 52.7 43.4 65.0

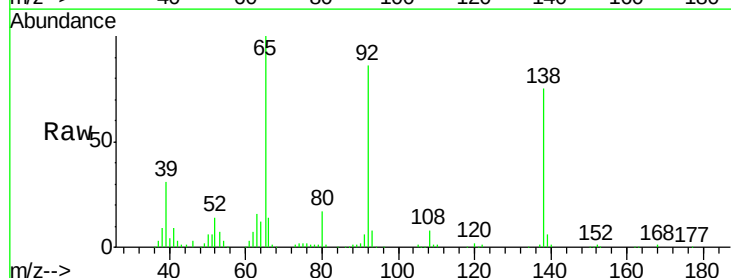


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

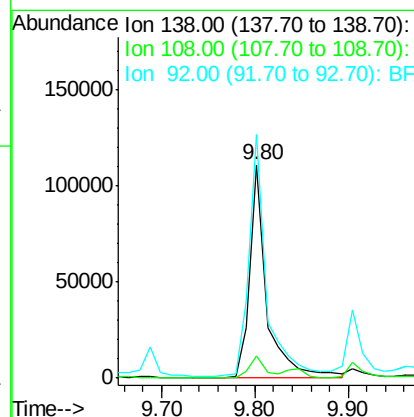
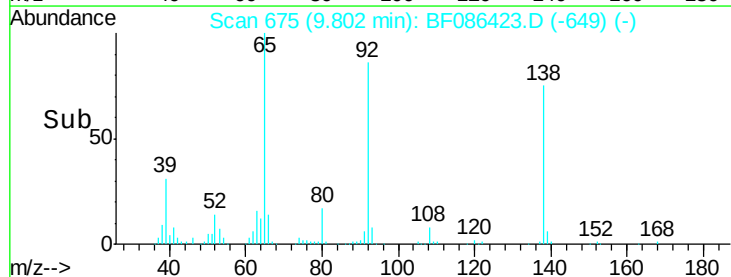


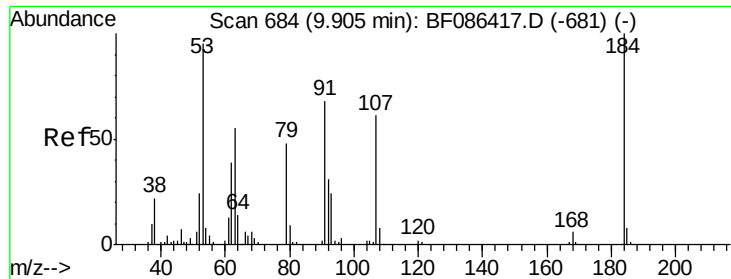
#52
3-Nitroaniline
Concen: 33.21 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Tgt Ion:138 Resp: 143175
Ion Ratio Lower Upper
138 100
108 10.3 7.8 11.6
92 114.3 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

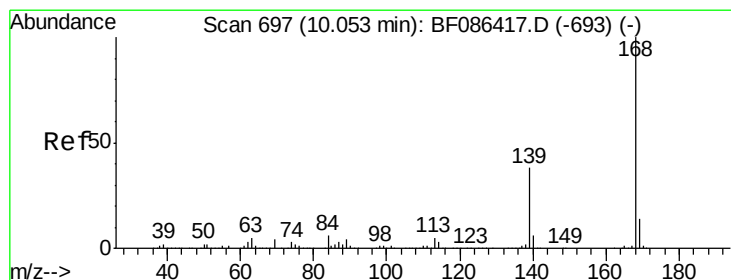
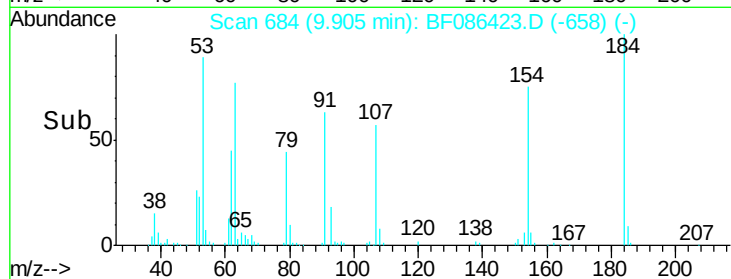
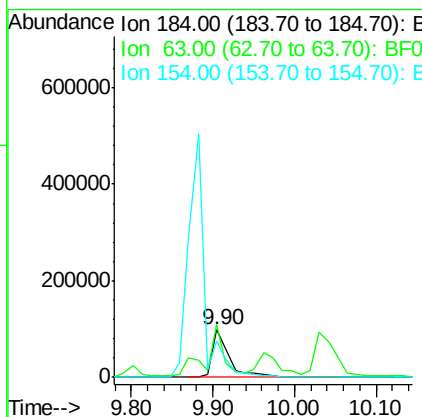
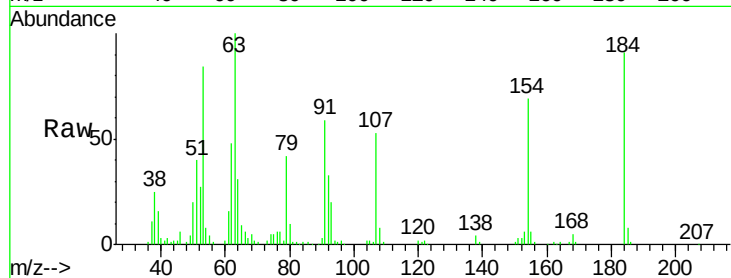




#53
2,4-Dinitrophenol
Concen: 70.88 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

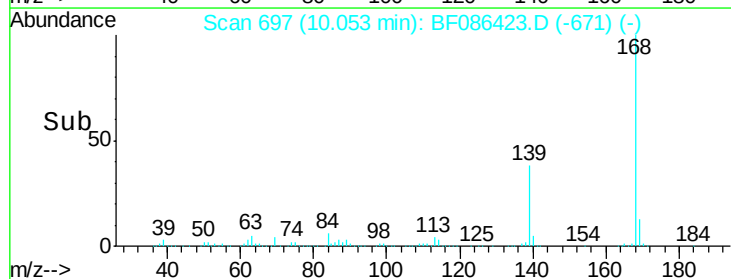
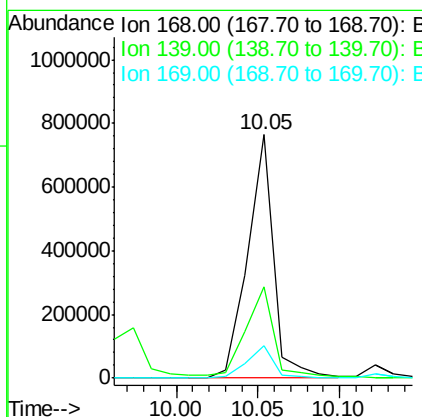
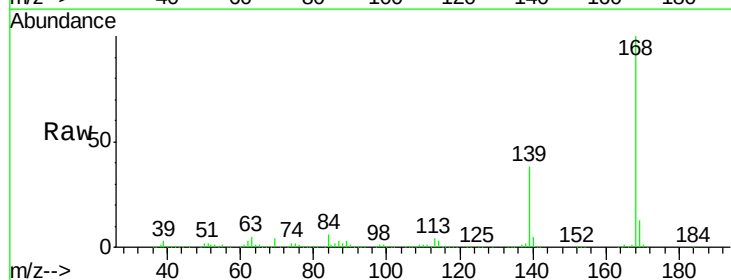
Instrument :
BNA_F
ClientSampleId :
PB89850BSD

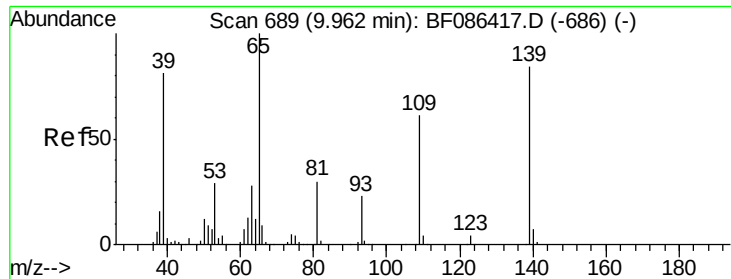
Tot Ion:184 Resp: 144843
Ion Ratio Lower Upper
184 100
63 110.3 55.8 83.8#
154 75.6 62.4 93.6



#54
Dibenzofuran
Concen: 43.67 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Tgt Ion:168 Resp: 848694
Ion Ratio Lower Upper
168 100
139 37.6 31.4 47.0
169 13.2 10.7 16.1

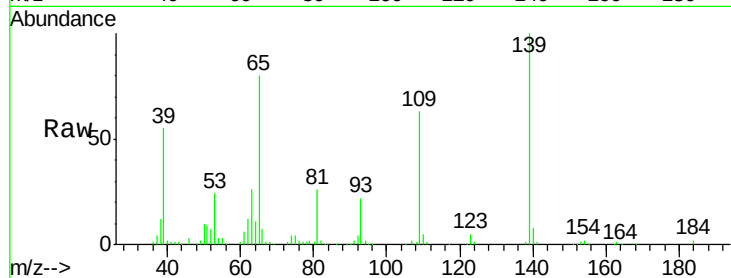




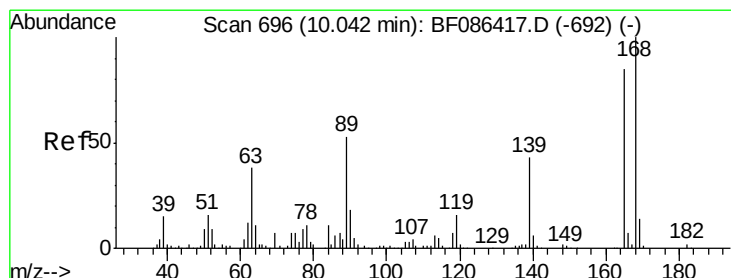
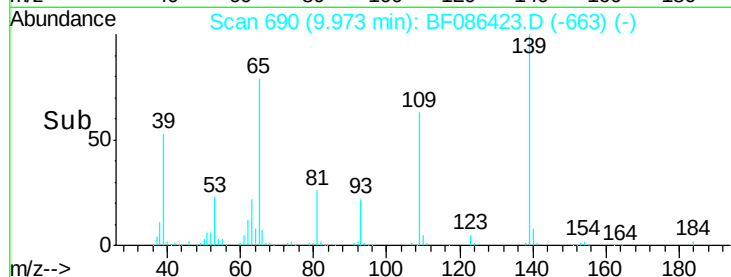
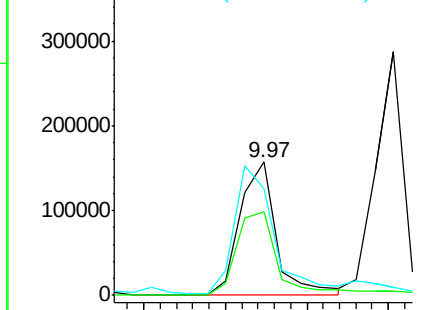
#55
4-Nitrophenol
Concen: 86.51 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.01 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Instrument :
BNA_F
ClientSampleId :
PB89850BSD

Tot Ion:139 Resp: 244170
Ion Ratio Lower Upper
139 100
109 62.5 36.9 76.9
65 79.7 64.0 104.0

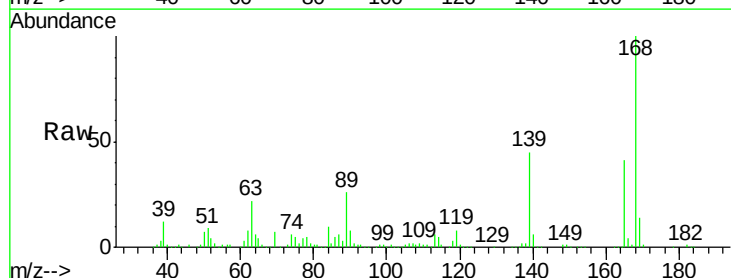


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

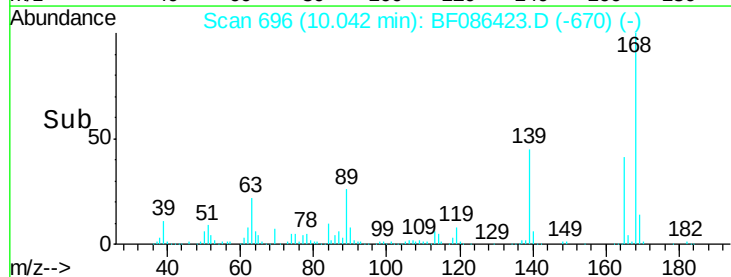
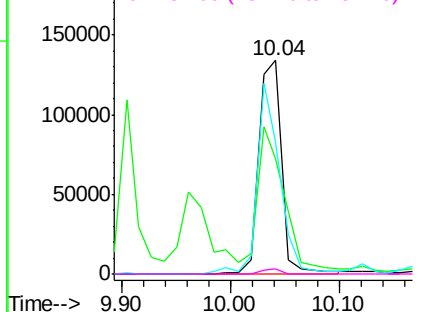


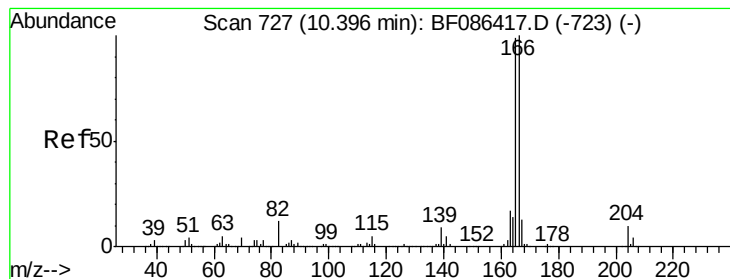
#56
2,4-Dinitrotoluene
Concen: 40.89 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Tgt Ion:165 Resp: 197576
Ion Ratio Lower Upper
165 100
63 53.8 44.3 66.5
89 61.8 70.0 105.0#
182 2.5 1.8 2.6



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





#57

Fluorene

Concen: 37.80 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB89850BSD

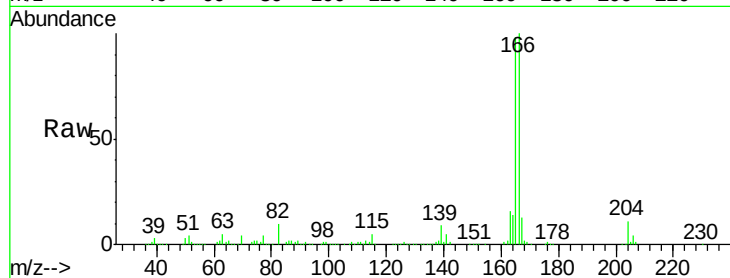
Tot Ion:166 Resp: 637782

Ion Ratio Lower Upper

166 100

165 97.8 79.0 118.6

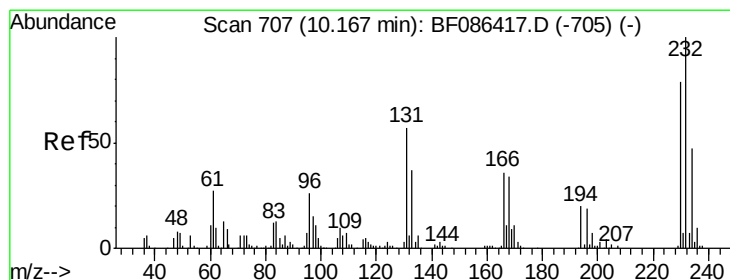
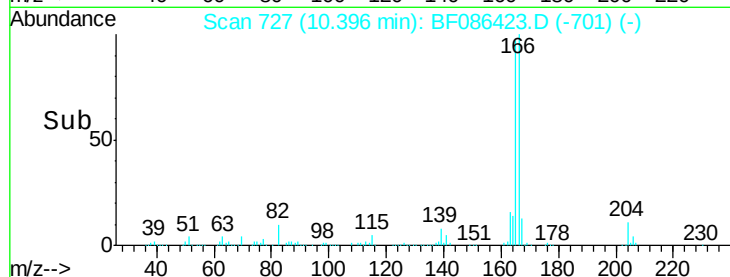
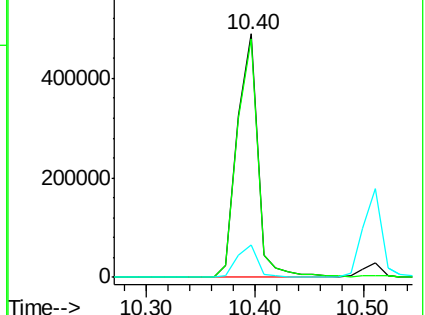
167 13.2 10.6 15.8



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: 46.27 ng

RT: 10.17 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Tgt Ion:232 Resp: 173854

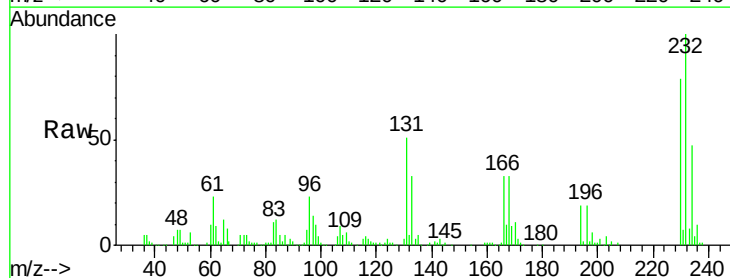
Ion Ratio Lower Upper

232 100

131 49.2 41.9 62.9

130 2.3 2.2 3.4

166 29.8 26.8 40.2

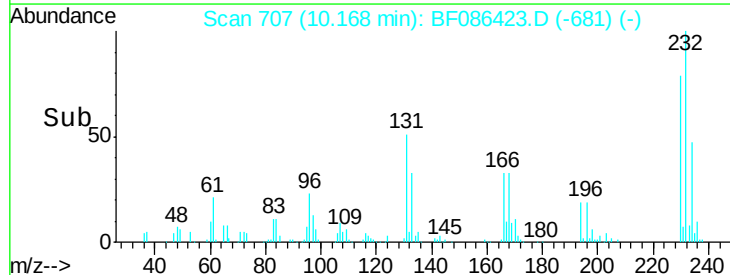
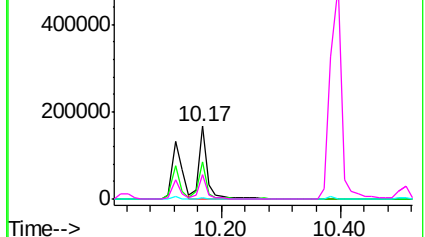


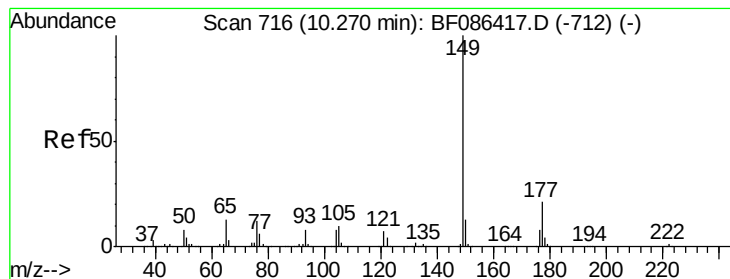
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 37.54 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB89850BSD

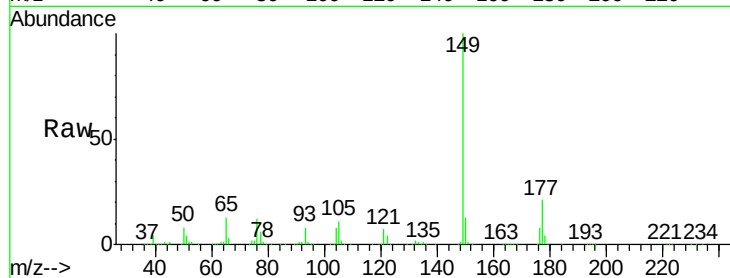
Tot Ion:149 Resp: 651990

Ion Ratio Lower Upper

149 100

177 21.2 16.6 24.8

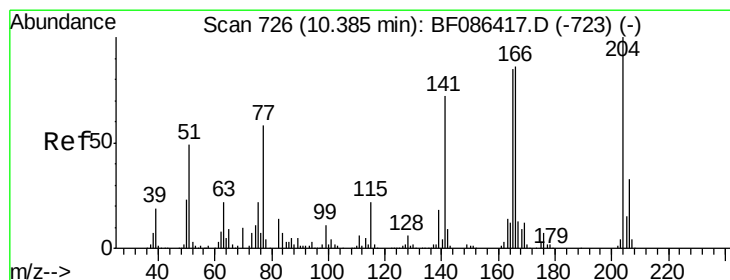
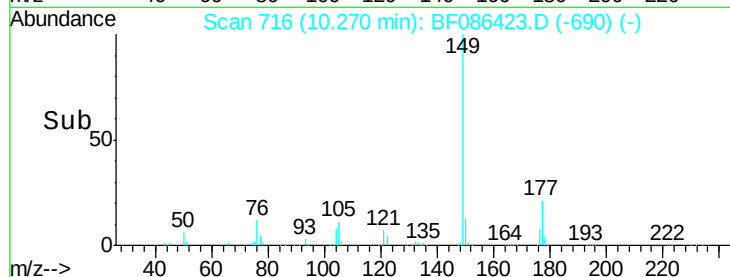
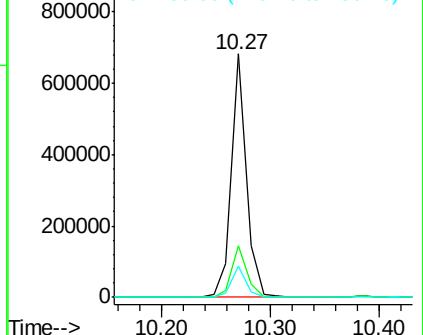
150 12.8 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.02 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

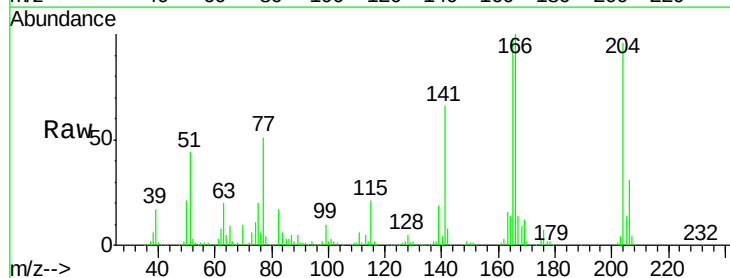
Tgt Ion:204 Resp: 291252

Ion Ratio Lower Upper

204 100

206 32.3 25.4 38.0

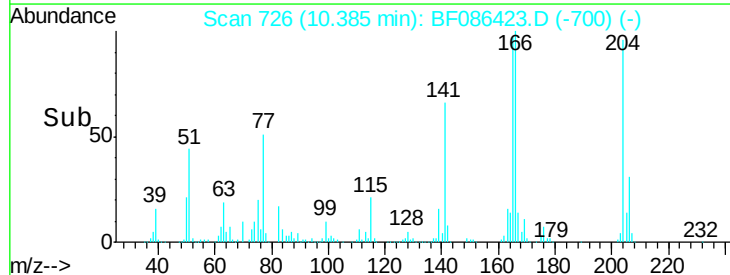
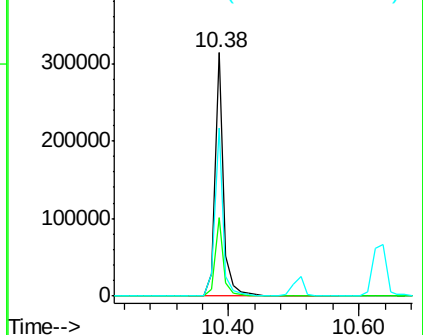
141 68.9 61.6 92.4

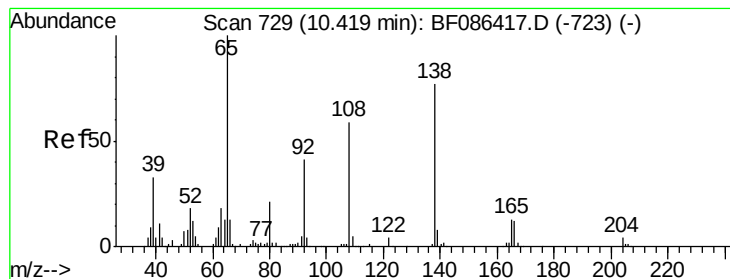


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.66 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB89850BSD

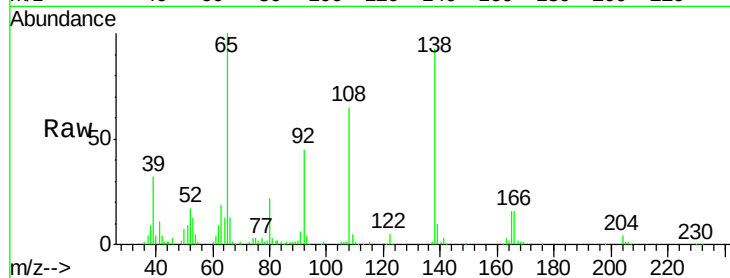
Tot Ion:138 Resp: 175542

Ion Ratio Lower Upper

138 100

92 47.8 24.7 64.7

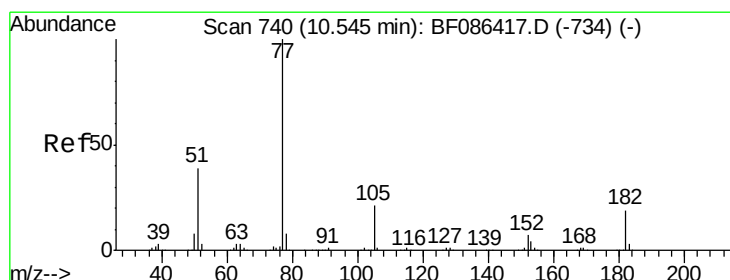
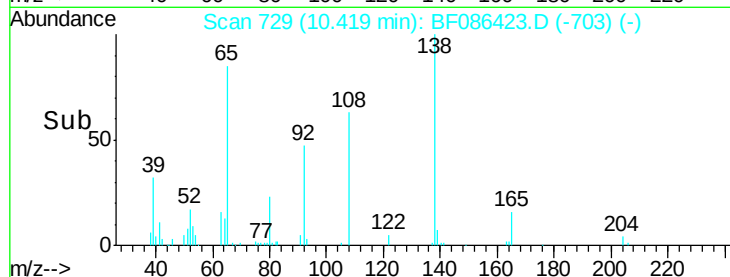
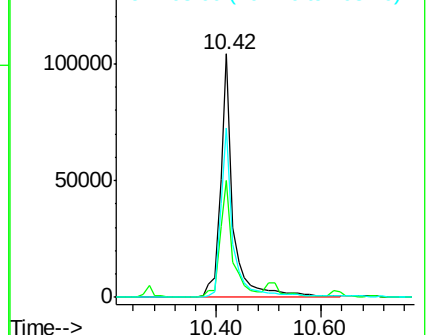
108 69.7 37.4 77.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.23 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Tgt Ion: 77 Resp: 803441

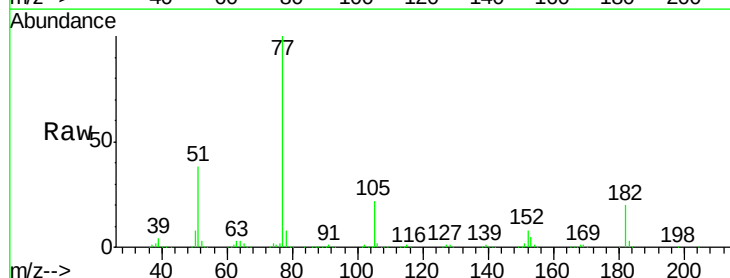
Ion Ratio Lower Upper

77 100

182 20.0 0.0 38.8

105 21.5 3.2 43.2

51 38.4 8.8 48.8

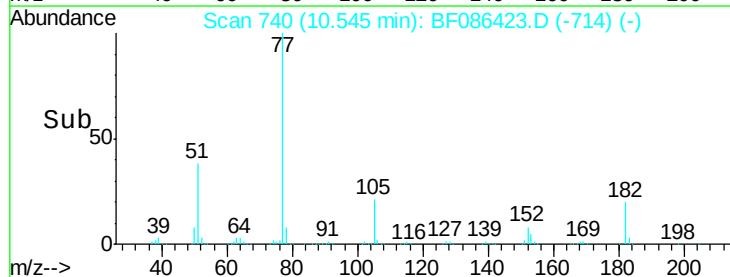
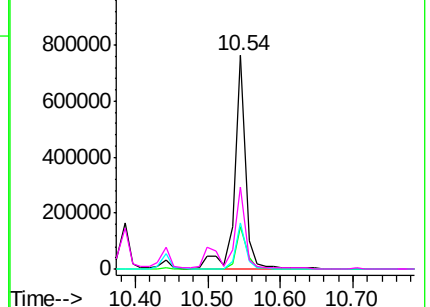


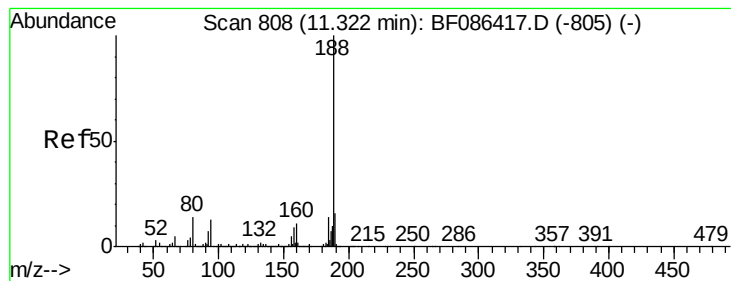
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB89850BSD

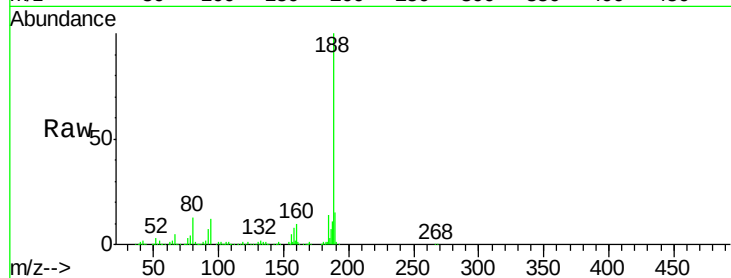
Tot Ion:188 Resp: 453859

Ion Ratio Lower Upper

188 100

94 12.4 6.8 10.2#

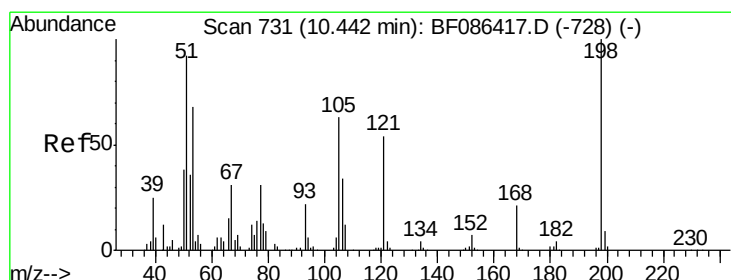
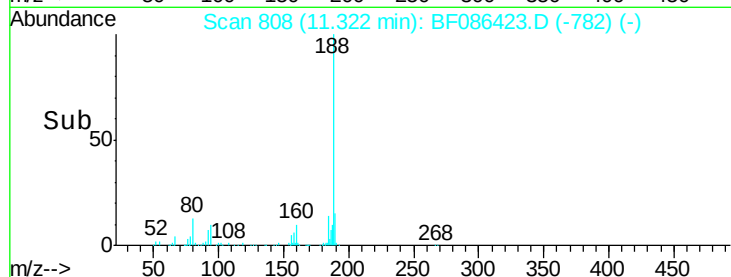
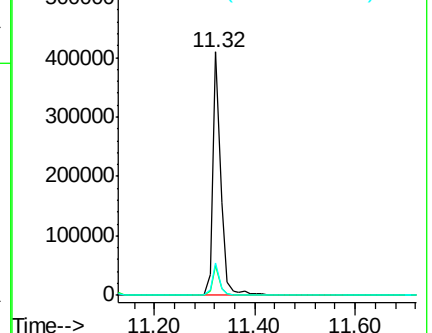
80 13.3 7.1 10.7#



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: 39.70 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

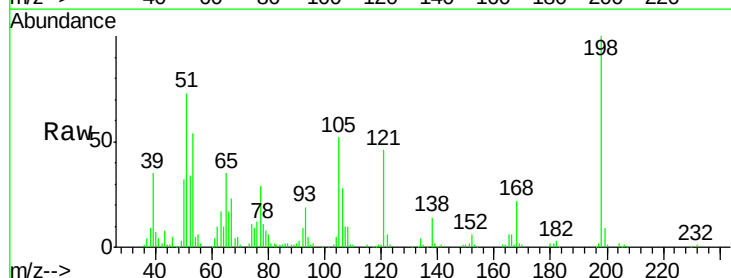
Tgt Ion:198 Resp: 105772

Ion Ratio Lower Upper

198 100

51 72.8 20.5 60.5#

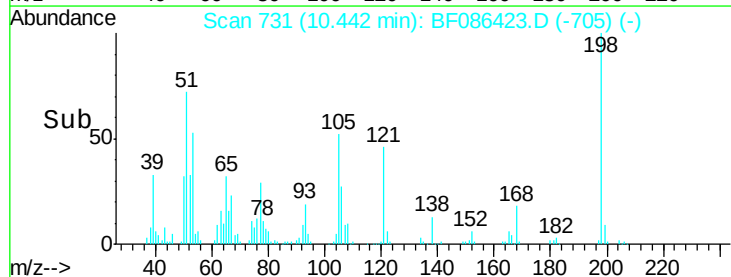
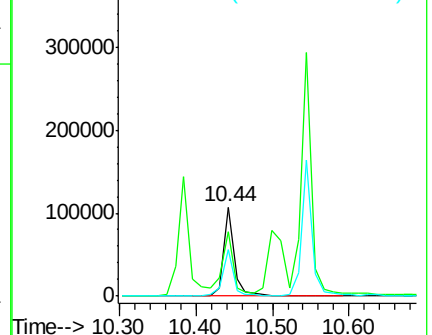
105 52.2 24.5 64.5

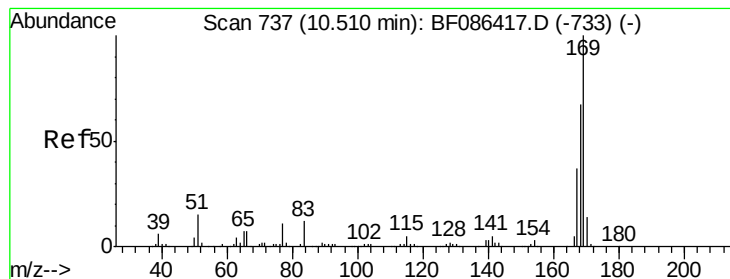


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.79 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB89850BSD

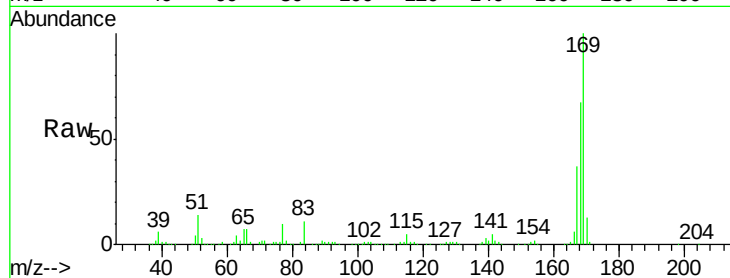
Tot Ion:169 Resp: 578565

Ion Ratio Lower Upper

169 100

168 67.4 53.8 80.6

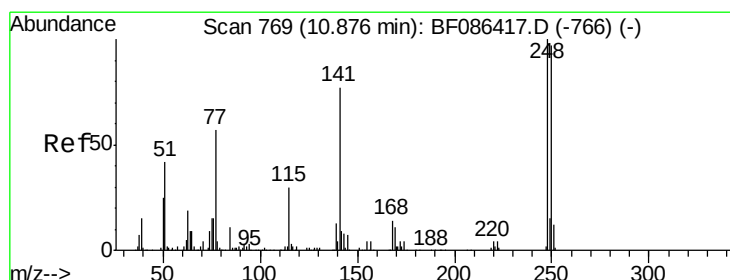
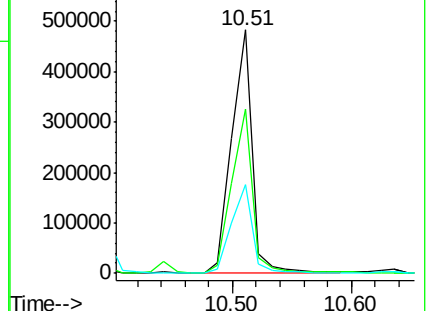
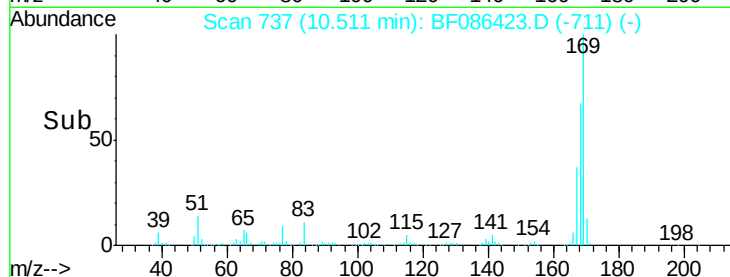
167 36.7 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.63 ng

RT: 10.88 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

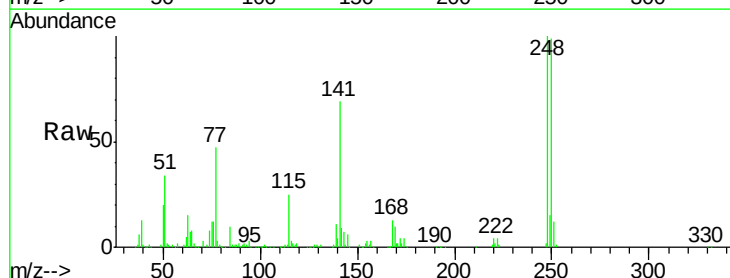
Tgt Ion:248 Resp: 194702

Ion Ratio Lower Upper

248 100

250 98.6 78.6 117.8

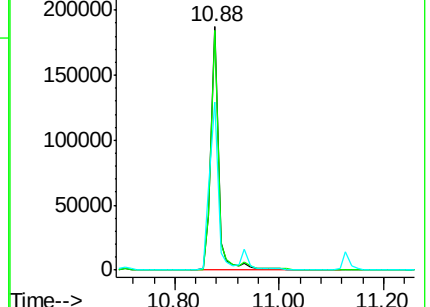
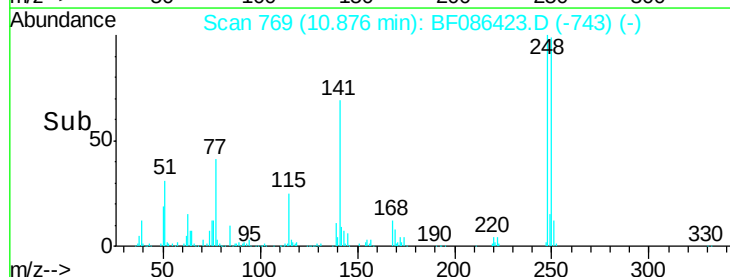
141 68.8 76.0 114.0#

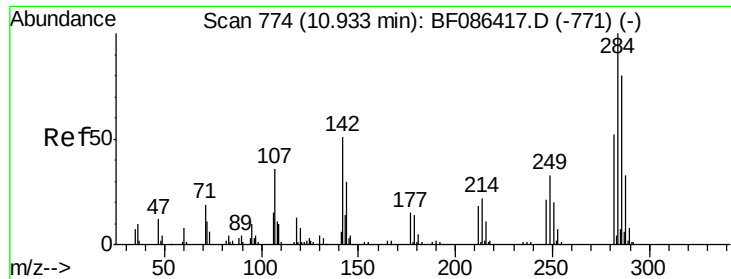


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.66 ng

RT: 10.93 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB89850BSD

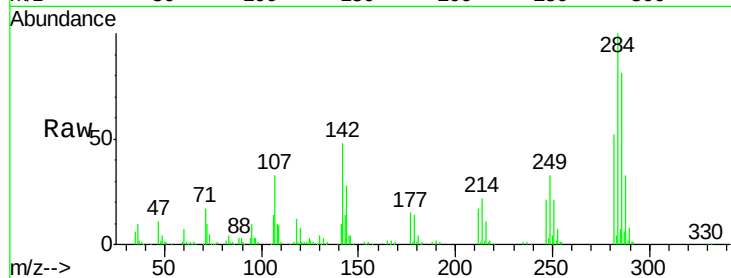
Tot Ion:284 Resp: 198446

Ion Ratio Lower Upper

284 100

142 48.5 16.7 25.1#

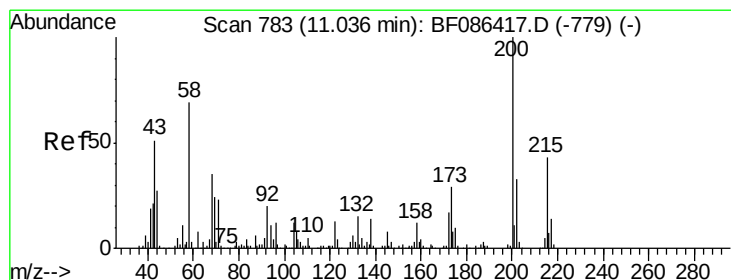
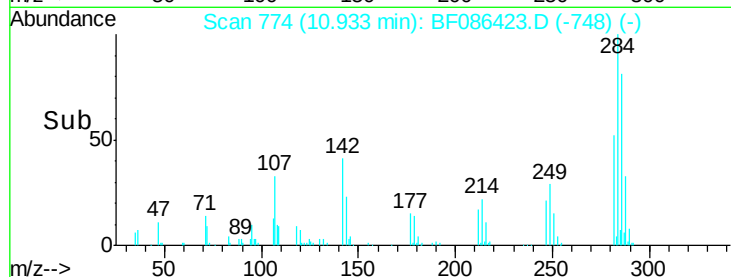
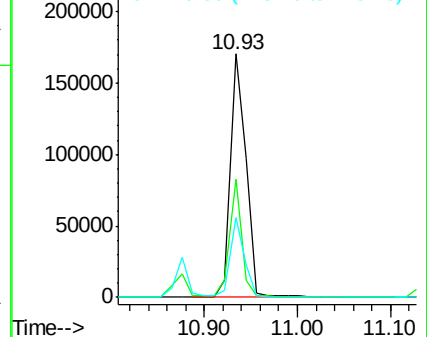
249 32.5 21.3 31.9#



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: 45.72 ng

RT: 11.04 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

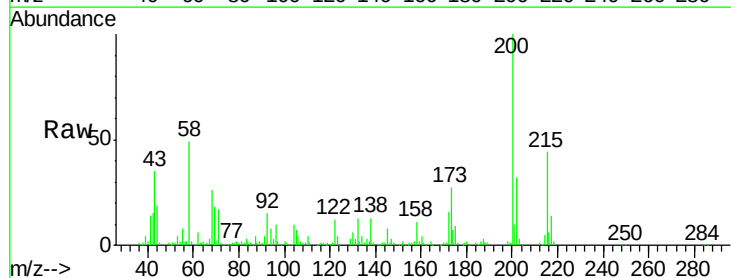
Tgt Ion:200 Resp: 194725

Ion Ratio Lower Upper

200 100

173 26.5 8.5 48.5

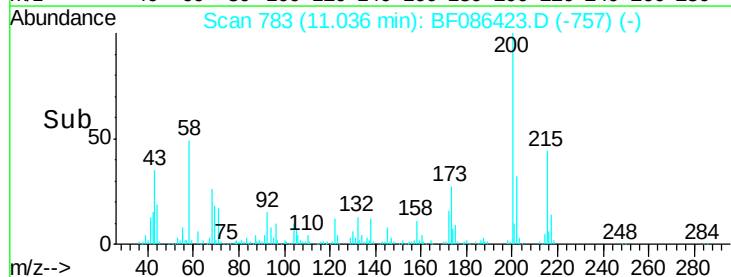
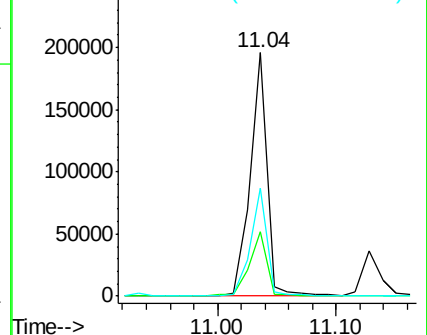
215 44.1 27.2 67.2

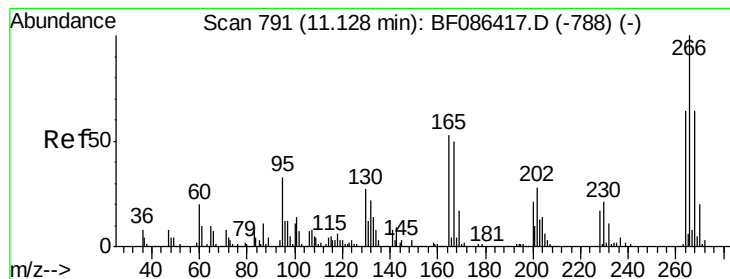


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 74.83 ng

RT: 11.13 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB89850BSD

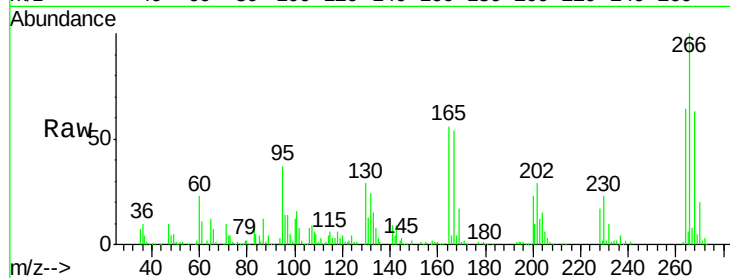
Tot Ion:266 Resp: 213582

Ion Ratio Lower Upper

266 100

268 62.6 51.5 77.3

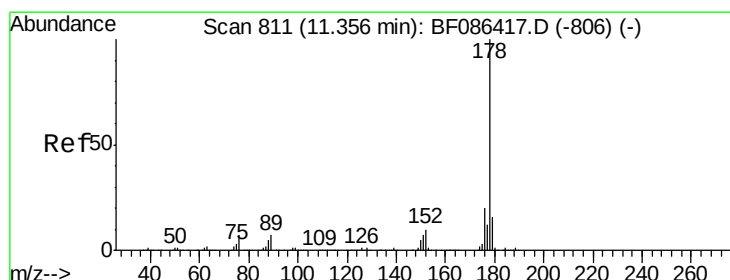
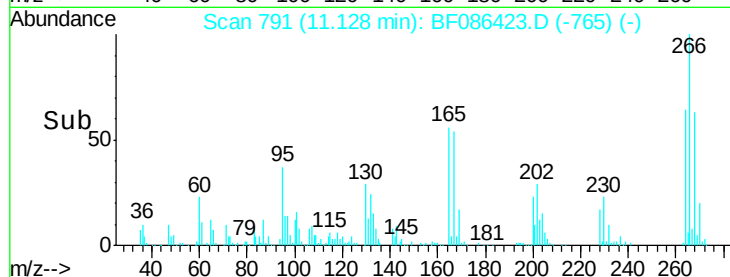
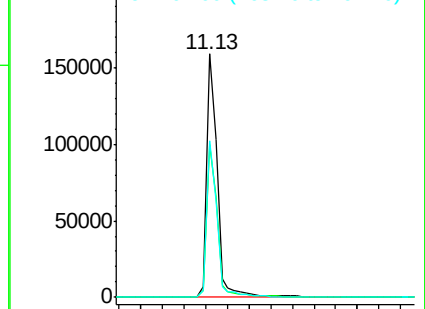
264 64.5 52.9 79.3



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: 37.92 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

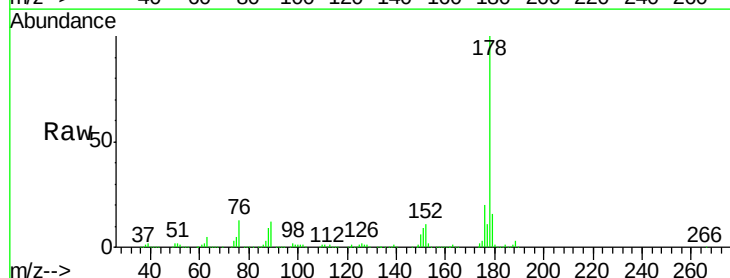
Tgt Ion:178 Resp: 903067

Ion Ratio Lower Upper

178 100

176 20.1 16.0 24.0

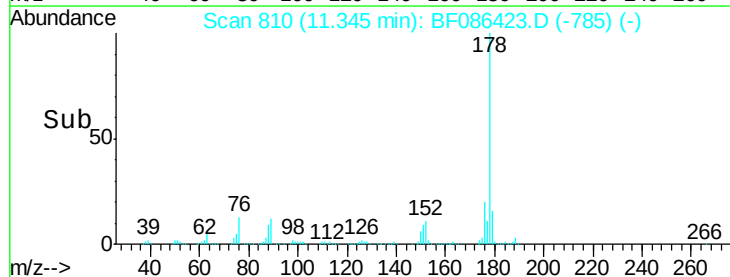
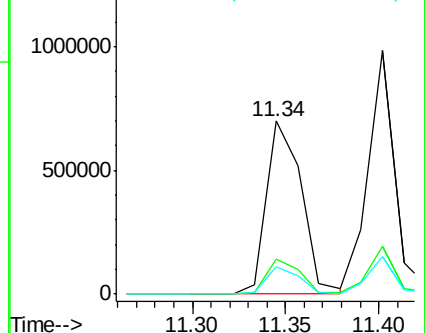
179 15.7 12.6 18.8

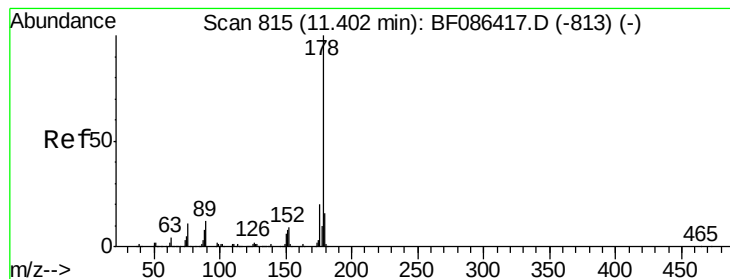


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 41.00 ng

RT: 11.40 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB89850BSD

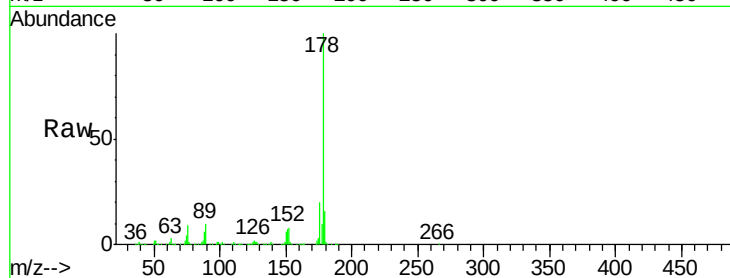
Tot Ion:178 Resp: 1042274

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

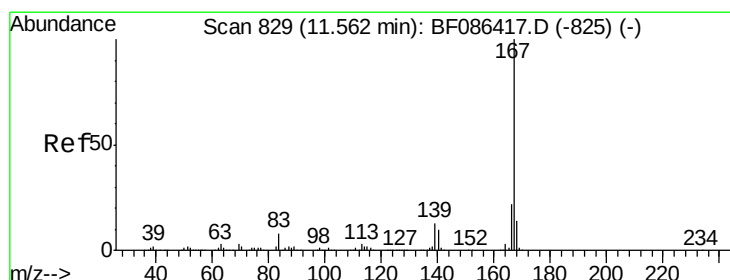
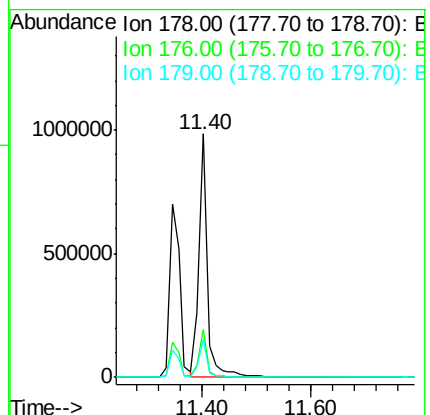
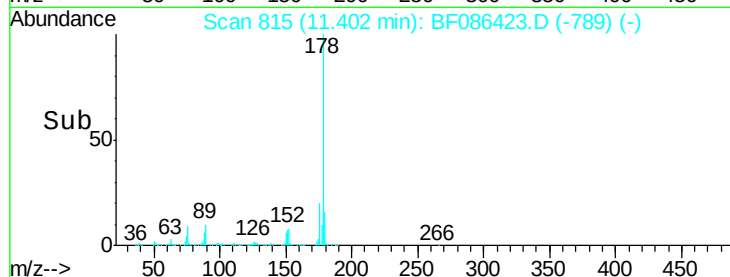
179 15.7 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.57 ng

RT: 11.56 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

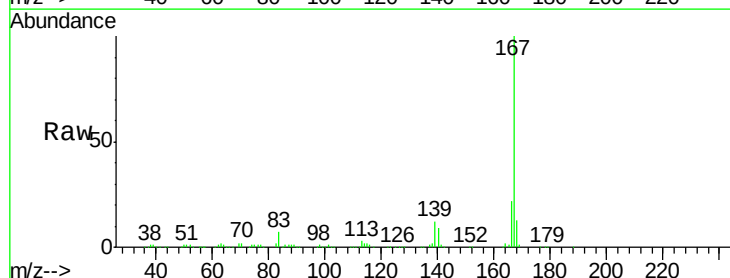
Tgt Ion:167 Resp: 913990

Ion Ratio Lower Upper

167 100

166 21.7 17.7 26.5

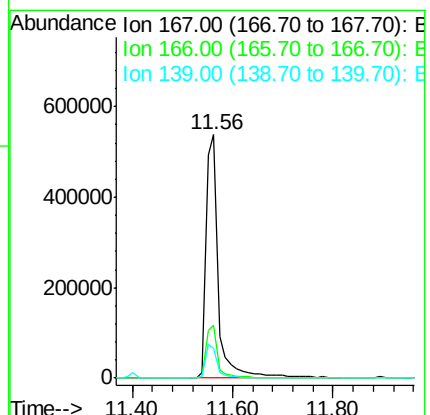
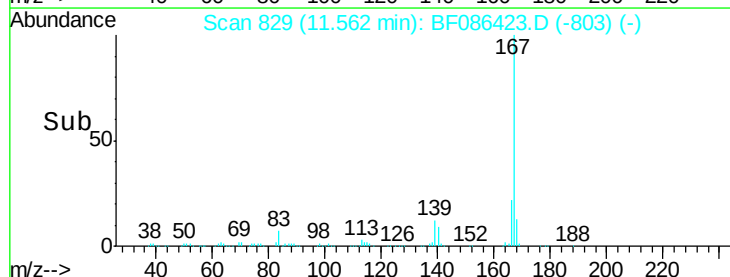
139 12.1 10.8 16.2

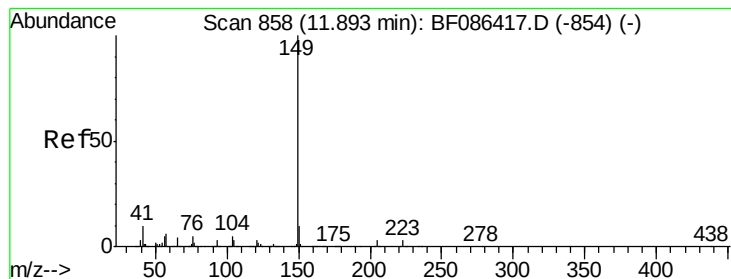


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.07 ng

RT: 11.89 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB89850BSD

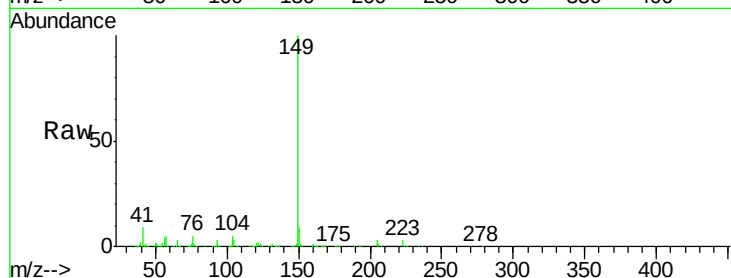
Tot Ion:149 Resp: 1099158

Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

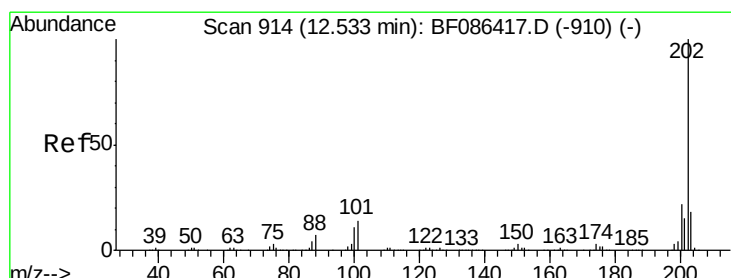
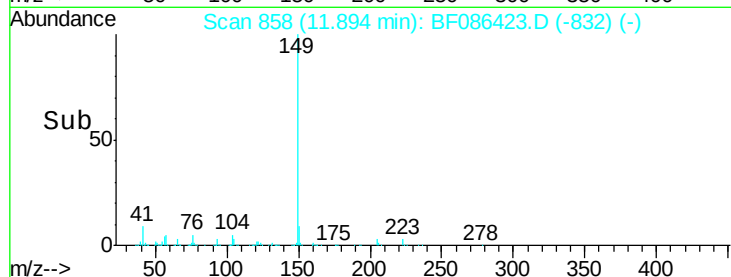
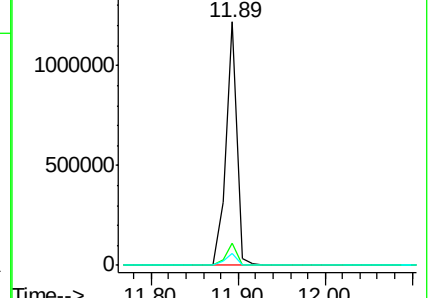
104 4.9 3.8 5.6



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: 41.75 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

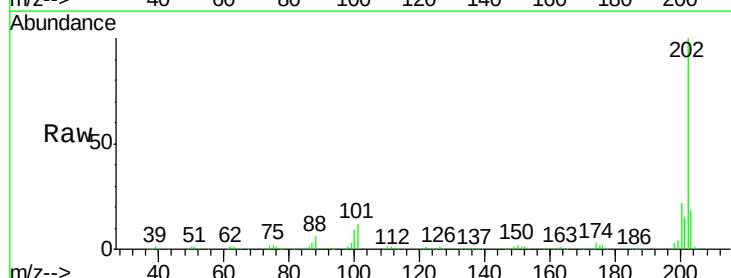
Tgt Ion:202 Resp: 1003751

Ion Ratio Lower Upper

202 100

101 12.3 0.0 35.4

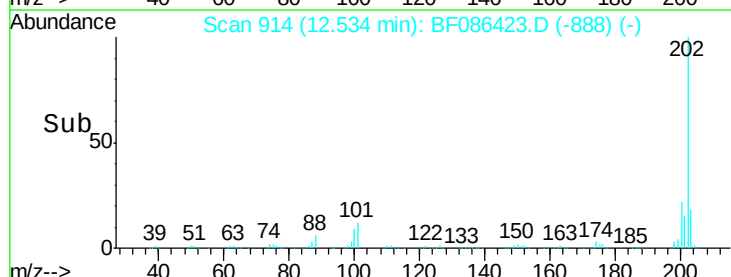
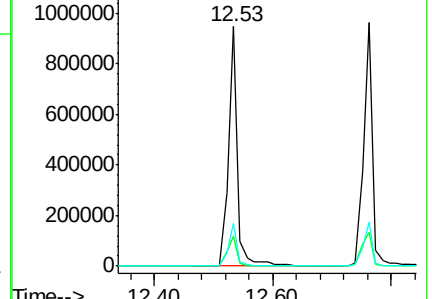
203 17.7 0.0 38.1

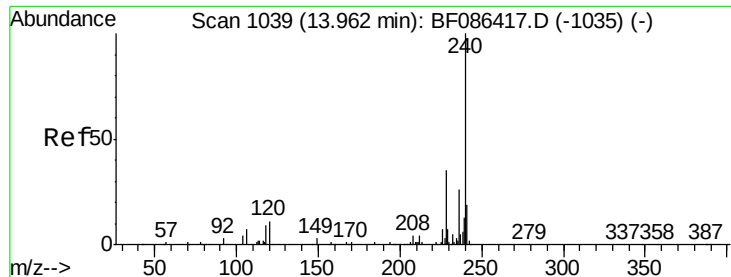


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB89850BSD

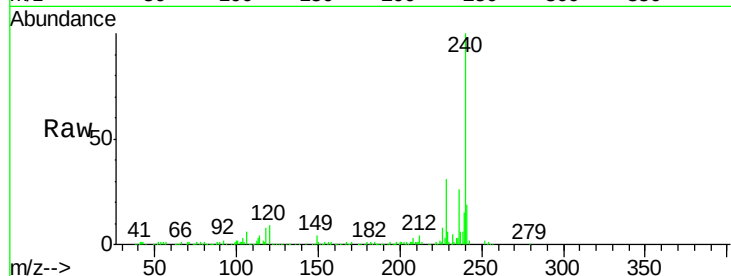
Tot Ion:240 Resp: 312403

Ion Ratio Lower Upper

240 100

120 9.1 11.2 16.8#

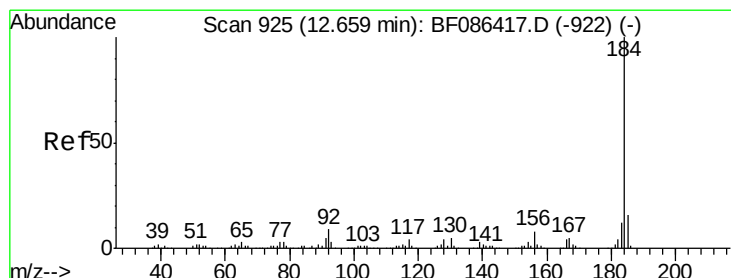
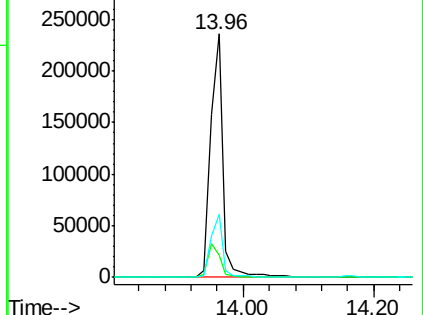
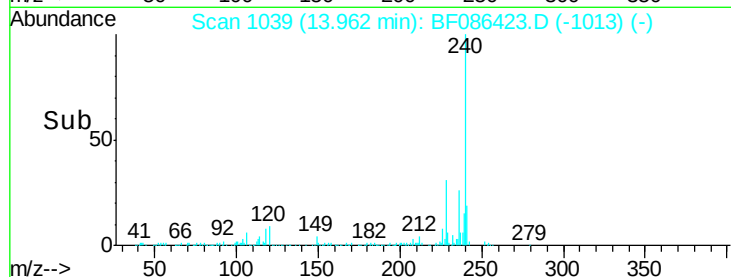
236 26.2 21.2 31.8



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: 34.22 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

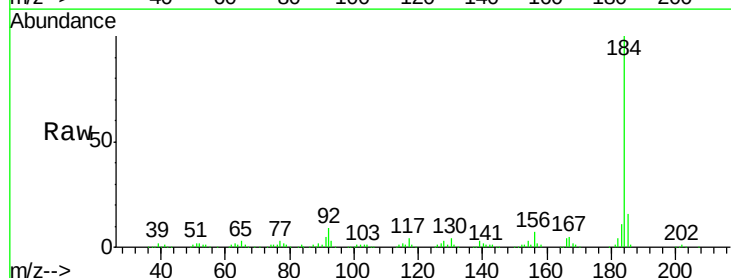
Tgt Ion:184 Resp: 367420

Ion Ratio Lower Upper

184 100

185 15.6 13.6 20.4

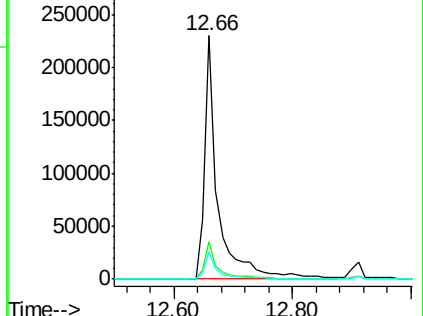
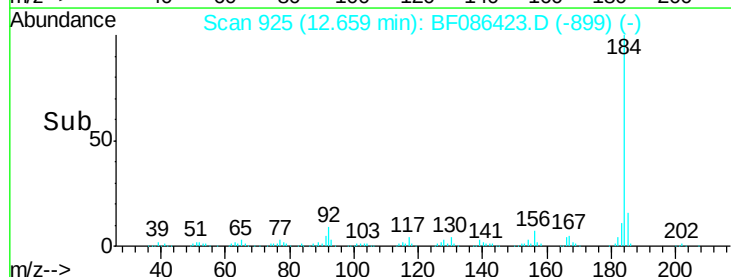
183 11.1 9.8 14.6

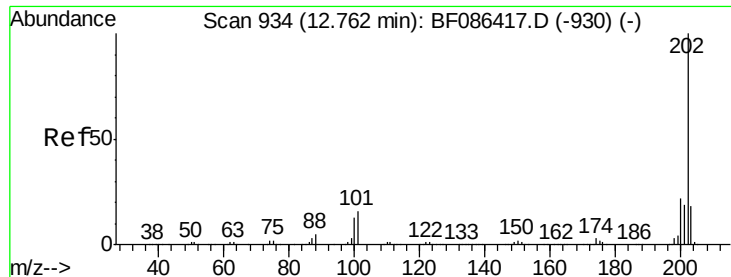


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

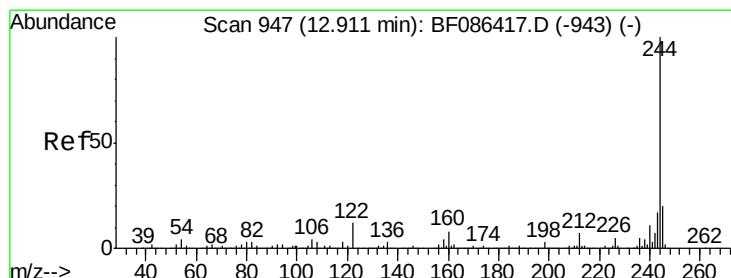
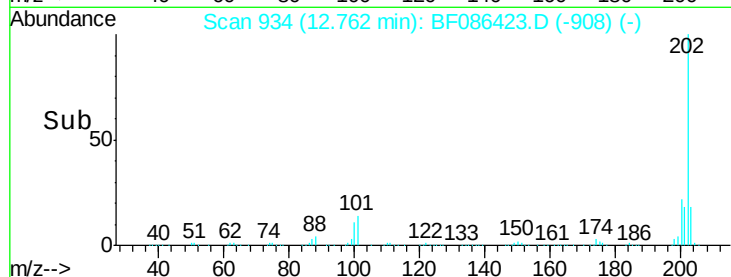
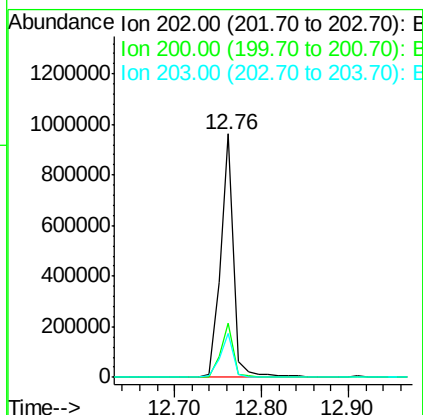
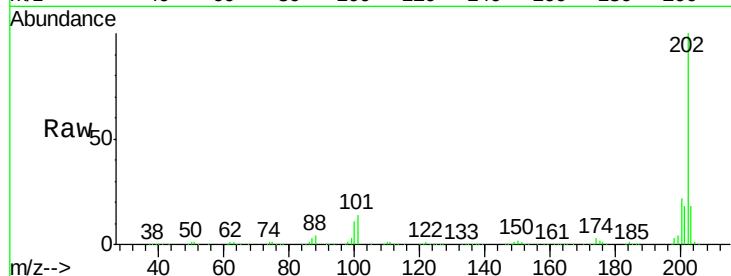




#77
Pvrene
Concen: 44.91 ng
RT: 12.76 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

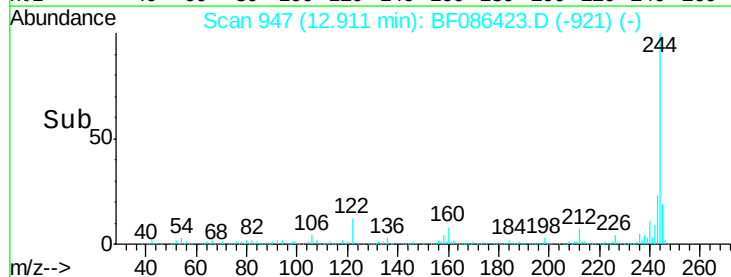
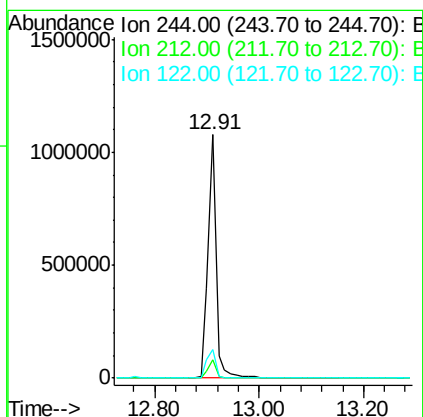
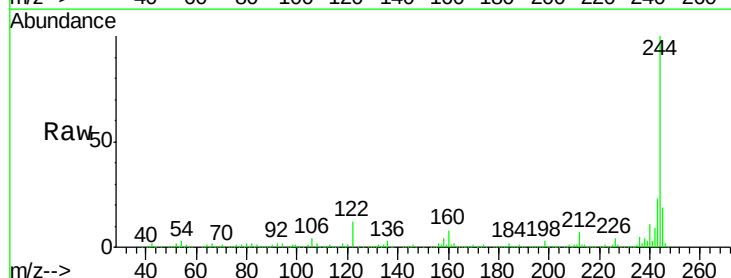
Instrument :
BNA_F
ClientSampleId :
PB89850BSD

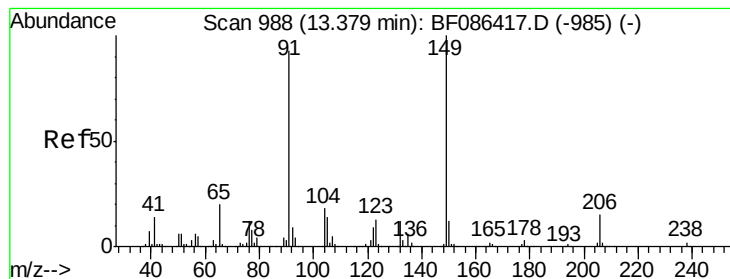
Tot Ion:202 Resp: 1011051
Ion Ratio Lower Upper
202 100
200 22.4 17.7 26.5
203 18.1 14.2 21.4



#78
Terphenyl-d14
Concen: 82.58 ng
RT: 12.91 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Tgt Ion:244 Resp: 1170965
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.2
122 11.6 12.0 18.0#





#79

Butylbenzylphthalate

Concen: 42.28 ng

RT: 13.38 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB89850BSD

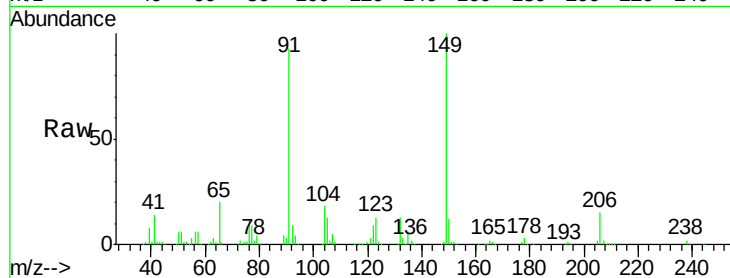
Tot Ion:149 Resp: 412211

Ion Ratio Lower Upper

149 100

91 92.8 48.0 72.0#

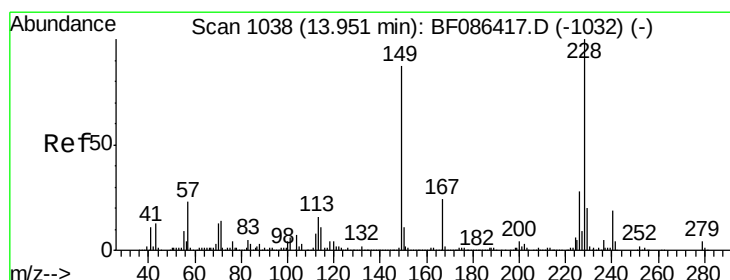
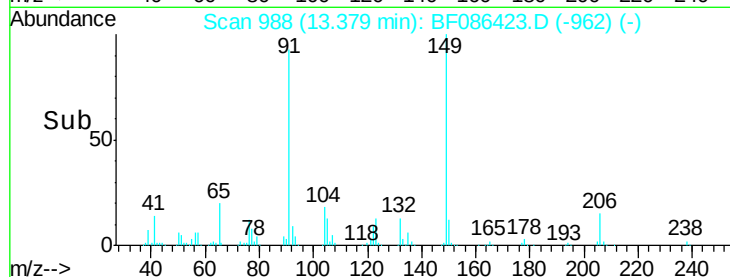
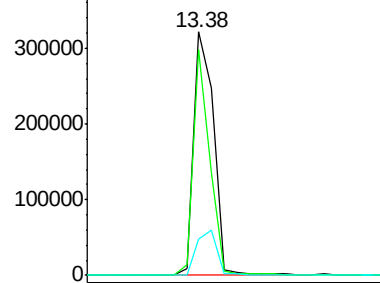
206 15.0 15.8 23.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.77 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

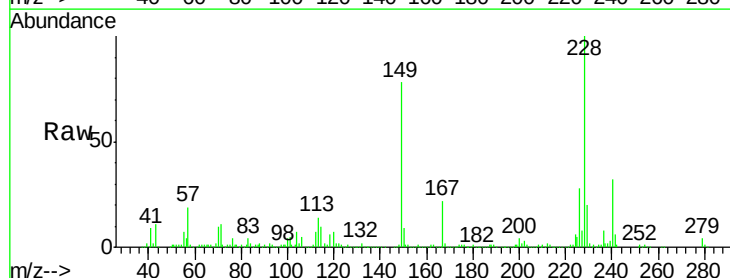
Tgt Ion:228 Resp: 695762

Ion Ratio Lower Upper

228 100

226 27.9 22.5 33.7

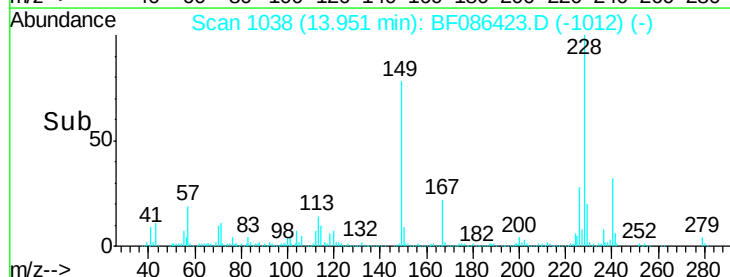
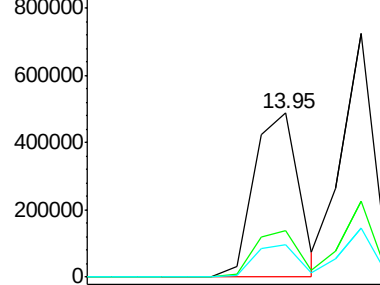
229 19.6 16.6 25.0

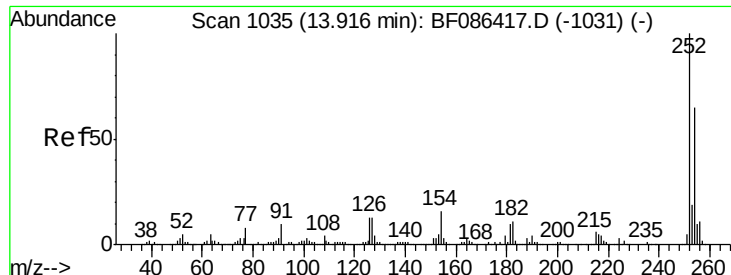


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

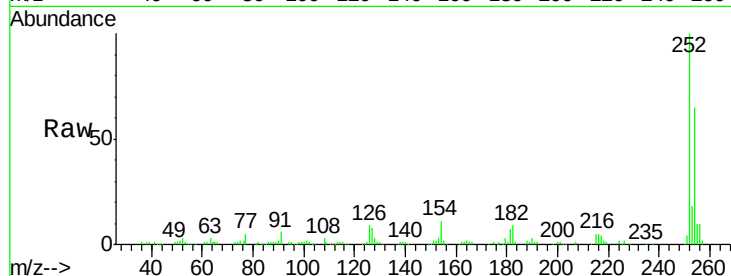




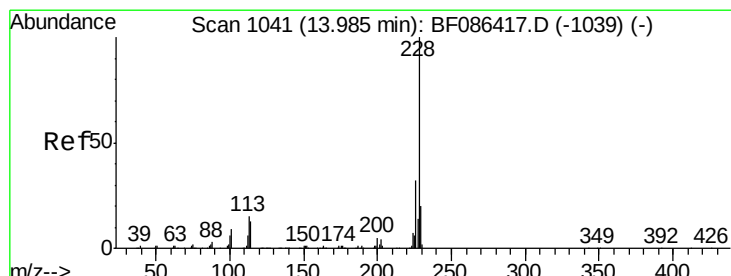
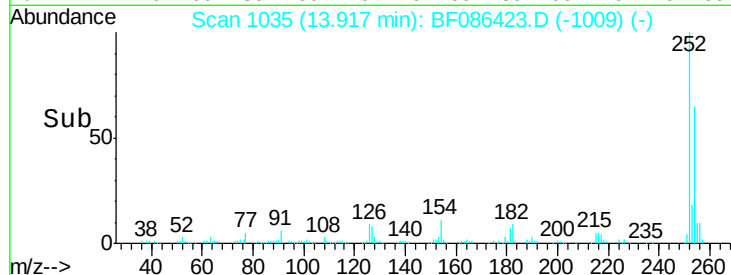
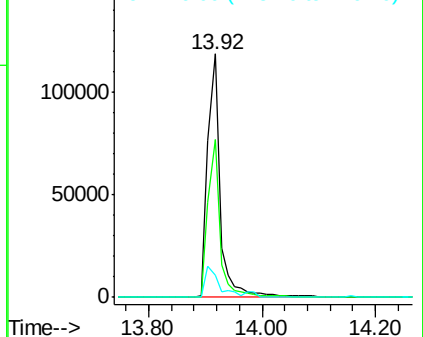
#81
 3,3'-Dichlorobenzidine
 Concen: 15.78 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF086423.D
 Acq: 27 Apr 2016 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BSD

Tot Ion:252 Resp: 175710
 Ion Ratio Lower Upper
 252 100
 254 65.0 50.7 76.1
 126 8.9 12.7 19.1#

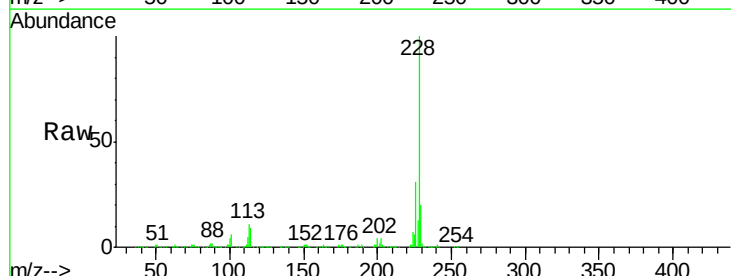


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

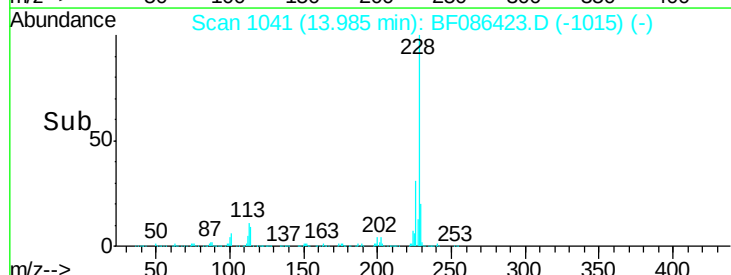
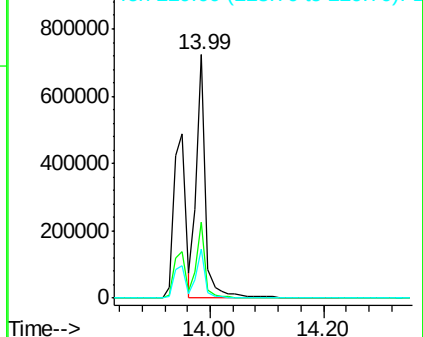


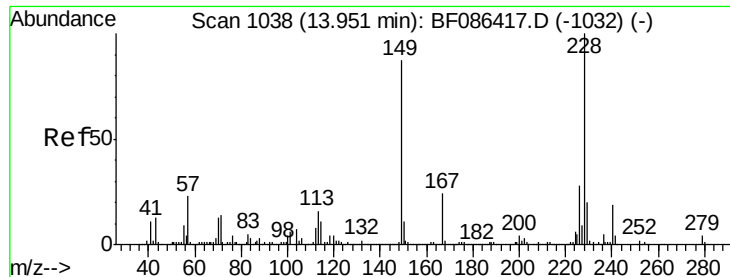
#82
 Chrysene
 Concen: 44.84 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF086423.D
 Acq: 27 Apr 2016 14:45

Tgt Ion:228 Resp: 811716
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.4 36.6
 229 20.1 15.8 23.8



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.52 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB89850BSD

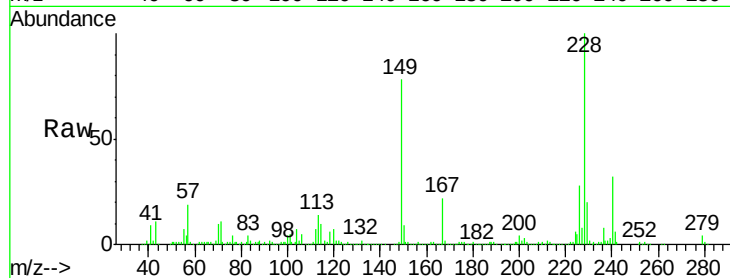
Tot Ion:149 Resp: 514614

Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.6

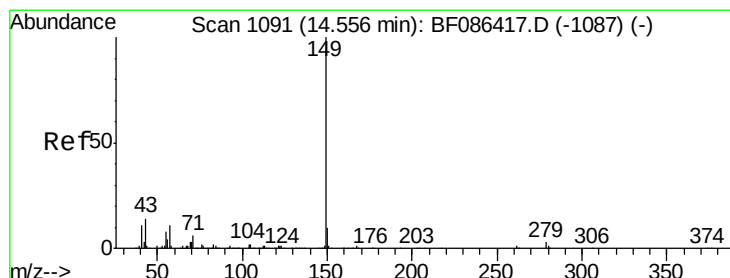
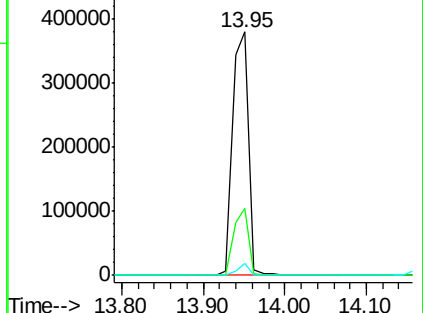
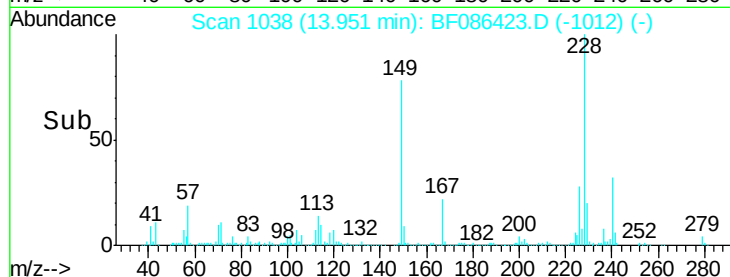
279 4.7 2.6 4.0#



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: 46.72 ng

RT: 14.56 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

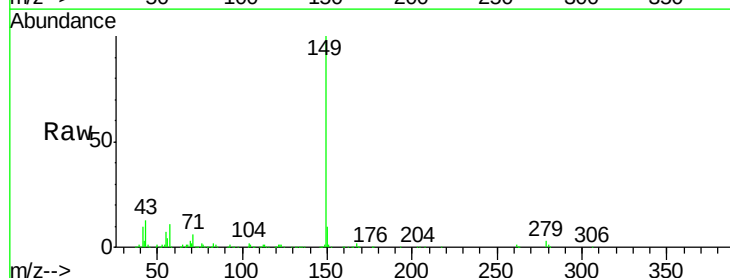
Tgt Ion:149 Resp: 885442

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

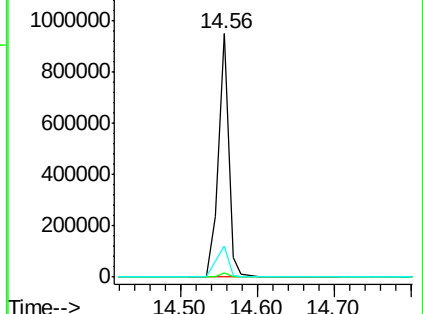
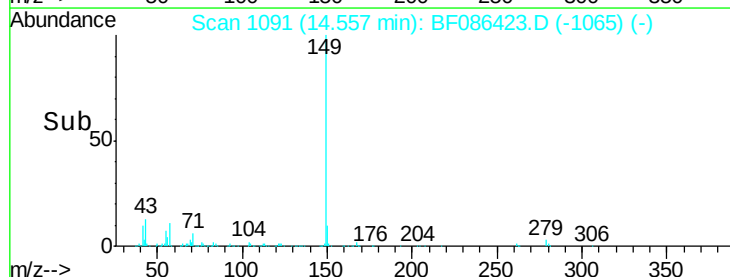
43 14.9 8.2 12.4#

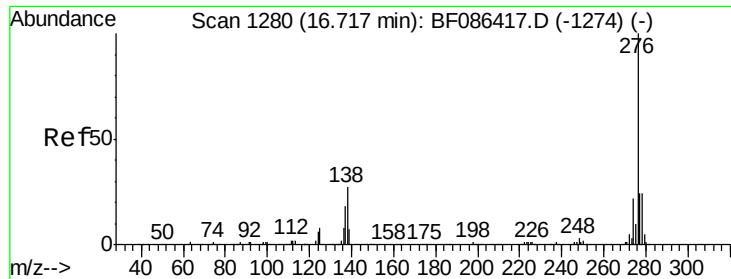


Abundance Ion 149.00 (148.70 to 149.70): E

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: 40.72 ng

RT: 16.72 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB89850BSD

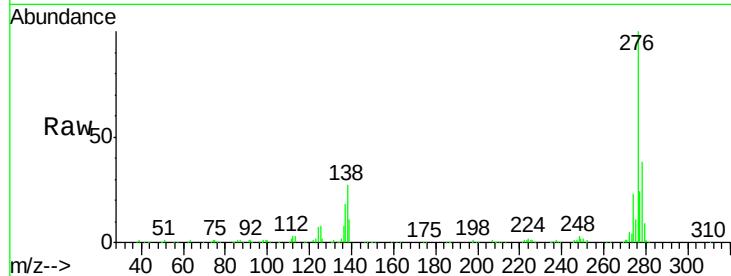
Tot Ion:276 Resp: 546186

Ion Ratio Lower Upper

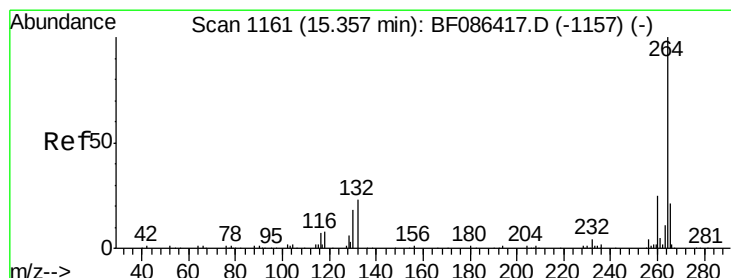
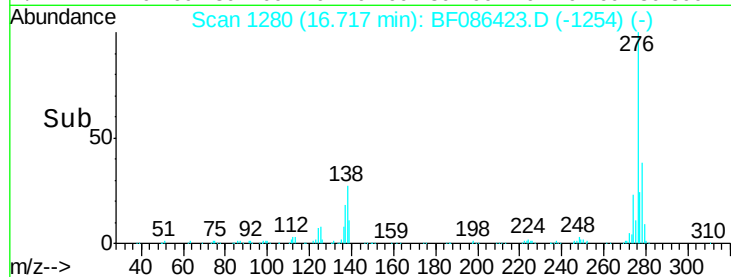
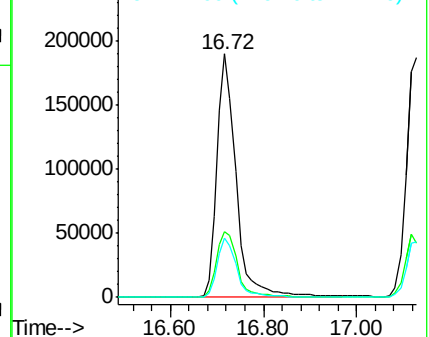
276 100

138 29.9 25.6 38.4

277 25.2 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

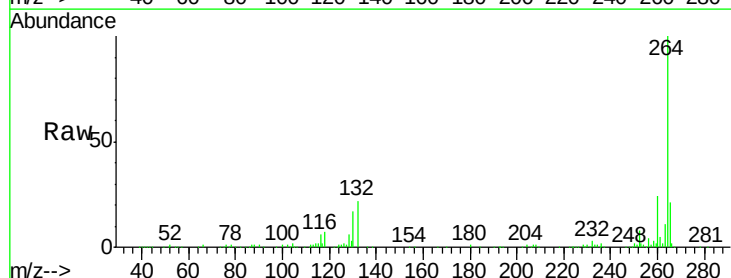
Tgt Ion:264 Resp: 253577

Ion Ratio Lower Upper

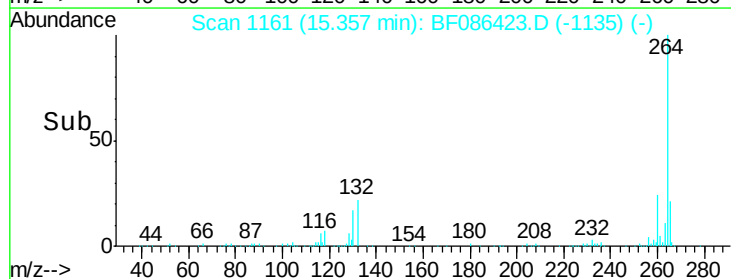
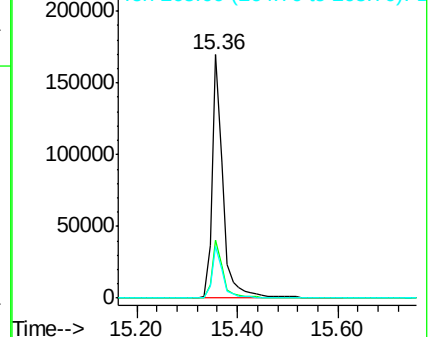
264 100

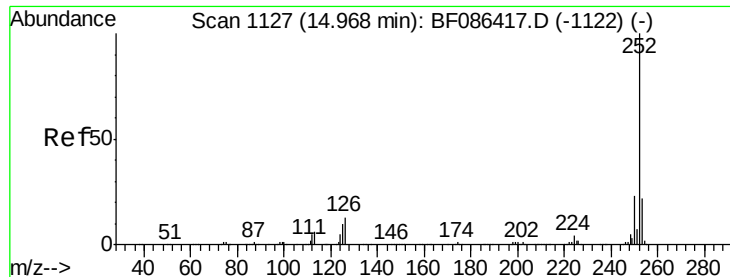
260 23.6 19.5 29.3

265 21.0 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 85.64 ng

RT: 14.99 min Scan# 1129

Delta R.T. 0.02 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB89850BSD

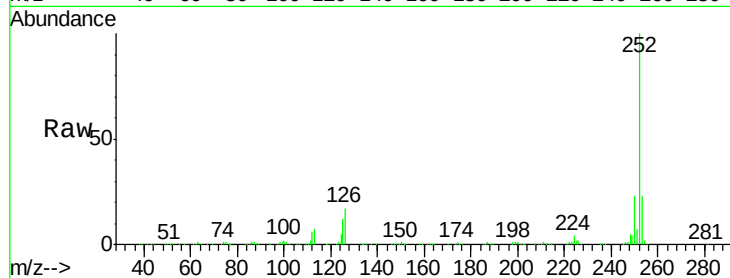
Tot Ion:252 Resp: 1277496

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

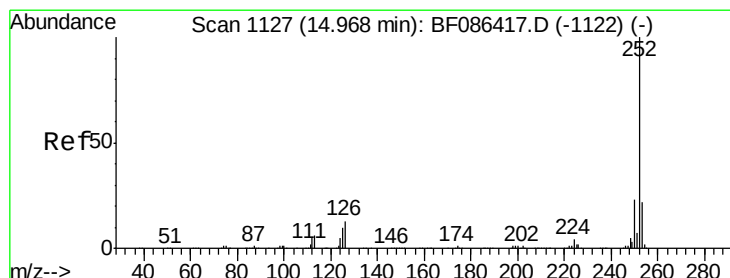
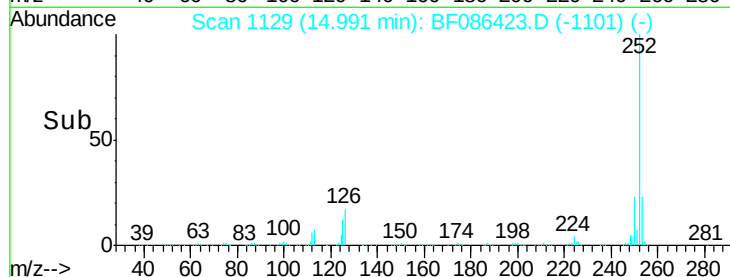
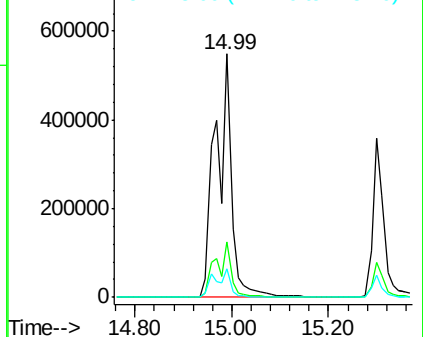
125 11.6 11.4 17.0



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: 82.21 ng

RT: 14.99 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

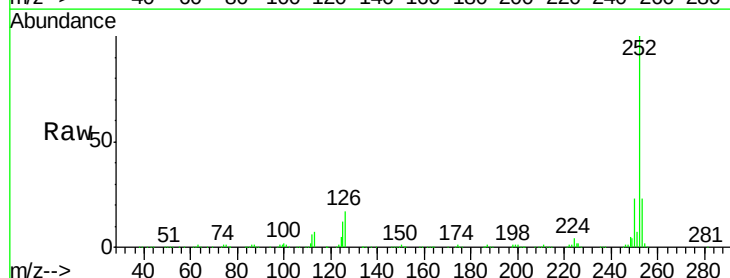
Tgt Ion:252 Resp: 1279176

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

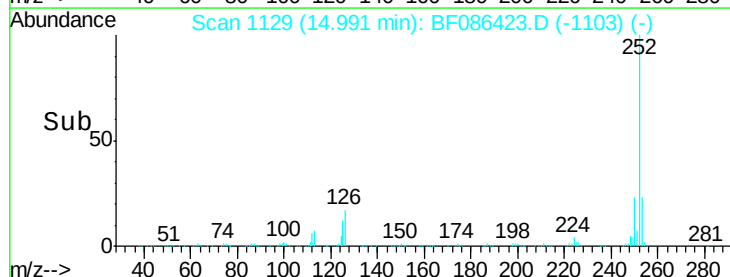
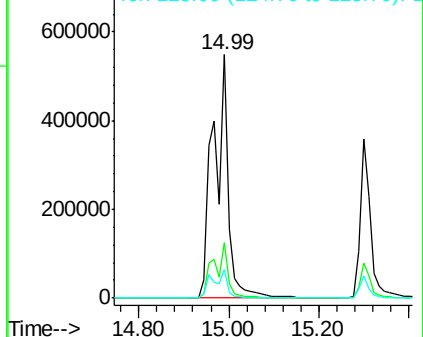
125 11.6 9.1 13.7

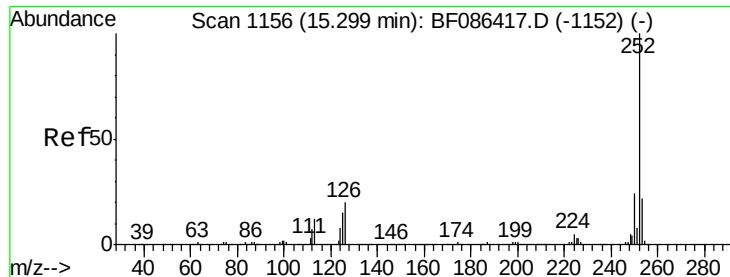


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.79 ng

RT: 15.30 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB89850BSD

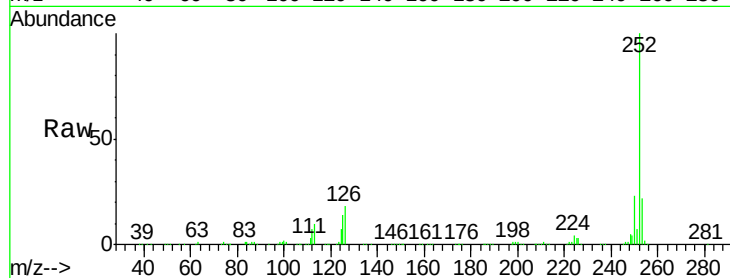
Tot Ion:252 Resp: 574507

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

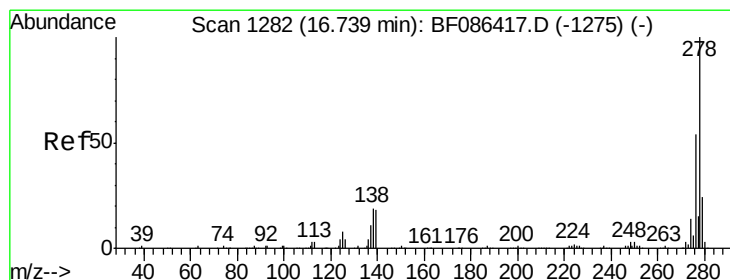
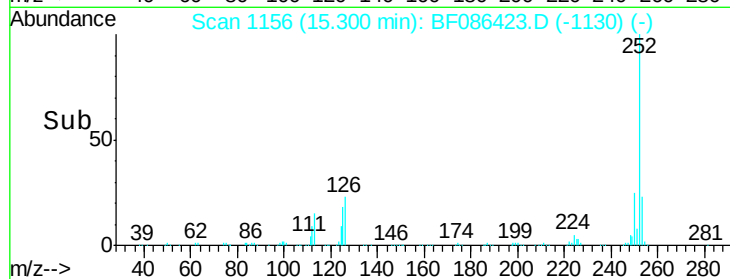
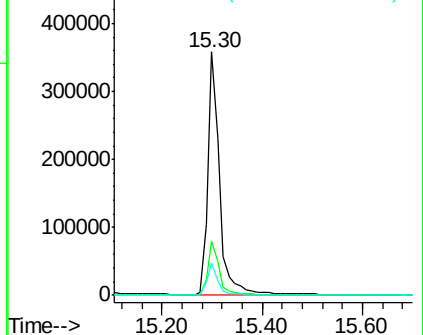
125 13.6 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.15 ng

RT: 16.74 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

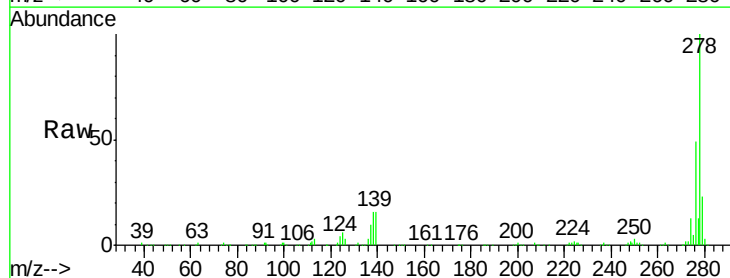
Tgt Ion:278 Resp: 462740

Ion Ratio Lower Upper

278 100

139 16.5 16.6 24.8#

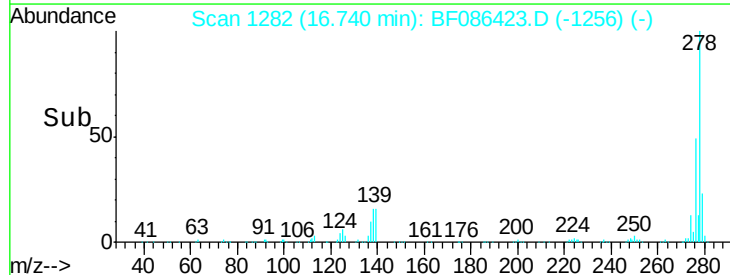
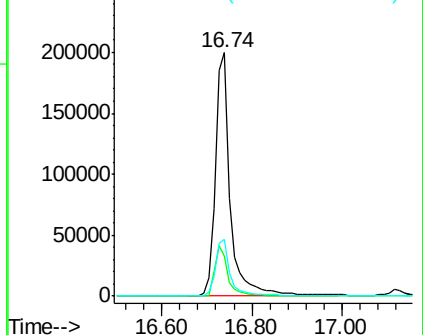
279 23.2 19.6 29.4

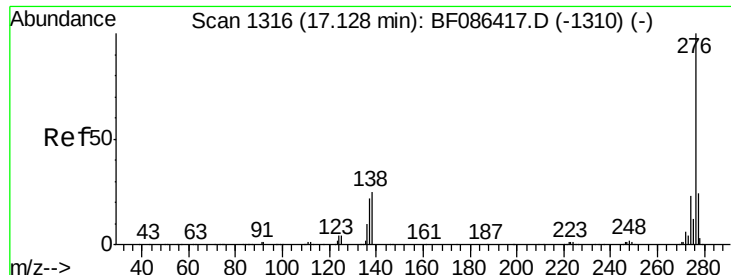


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

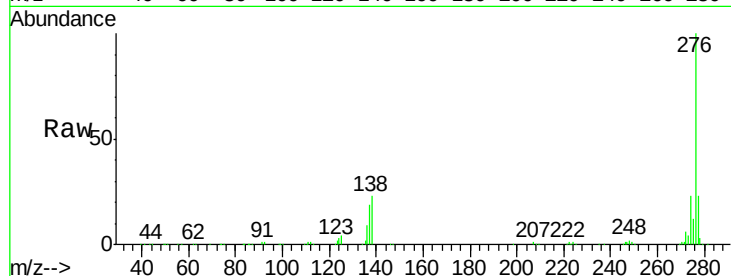




#91
 Benzo(a,h,i)perylene
 Concen: 39.78 ng
 RT: 17.13 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF086423.D
 Acq: 27 Apr 2016 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BSD

Tot Ion: 276 Resp: 459464
 Ion Ratio Lower Upper
 276 100
 277 23.3 19.6 29.4
 138 22.8 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

