

Data Path : Z:\HPCHEM1\BNA F\Data\BF040216\
 Data File : BF085974.D
 Acq On : 1 Apr 2016 21:15
 Operator : UM/SJ
 Sample : PB89334BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89334BS

Quant Time: Apr 01 23:25:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	101860	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	410715	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	198687	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	369175	20.00	ng	0.00
75) Chrysene-d12	13.93	240	321203	20.00	ng	0.00
86) Perylene-d12	15.33	264	262698	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	731437	122.74	ng	0.01
7) Phenol-d6	6.42	99	866518	114.48	ng	0.00
23) Nitrobenzene-d5	7.34	82	569808	81.82	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	217904	116.85	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1026717	85.92	ng	0.00
78) Terphenyl-d14	12.88	244	952432	69.70	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.38	88	84422	29.88	ng	98
3) Pyridine	3.09	79	218605	34.56	ng	99
4) n-Nitrosodimethylamine	3.04	42	102837	36.98	ng	99
6) Aniline	6.44	93	154403	15.55	ng	# 93
8) 2-Chlorophenol	6.56	128	259918	36.57	ng	93
9) Benzaldehyde	6.33	77	116860	28.69	ng	91
10) Phenol	6.43	94	348566	40.37	ng	96
11) bis(2-Chloroethyl)ether	6.51	93	228586	33.43	ng	96
12) 1,3-Dichlorobenzene	6.72	146	262265	34.82	ng	99
13) 1,4-Dichlorobenzene	6.78	146	268709	34.63	ng	99
14) 1,2-Dichlorobenzene	6.94	146	257182	36.01	ng	99
15) Benzyl Alcohol	6.92	79	191714	39.15	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	293041	35.08	ng	93
17) 2-Methylphenol	7.04	107	207866	37.10	ng	98
18) Hexachloroethane	7.28	117	98457	34.50	ng	# 81
19) n-Nitroso-di-n-propylamine	7.20	70	175137	37.33	ng	99
20) 3+4-Methylphenols	7.20	107	264233	38.77	ng	# 82
22) Acetophenone	7.18	105	337573	34.96	ng	# 94
24) Nitrobenzene	7.36	77	248659	32.64	ng	97
25) Isophorone	7.60	82	472864	34.40	ng	100
26) 2-Nitrophenol	7.68	139	131799	36.15	ng	# 87
27) 2,4-Dimethylphenol	7.72	122	248616	37.97	ng	97
28) bis(2-Chloroethoxy)methane	7.81	93	313256	38.83	ng	99
29) 2,4-Dichlorophenol	7.93	162	201893	36.47	ng	95
30) 1,2,4-Trichlorobenzene	8.01	180	219563	35.34	ng	94
31) Naphthalene	8.08	128	706633	34.20	ng	99
32) Benzoic acid	7.86	122	142382	29.64	ng	98
33) 4-Chloroaniline	8.14	127	72024	8.63	ng	99
34) Hexachlorobutadiene	8.20	225	114501	34.28	ng	98
35) Caprolactam	8.50	113	44585	25.39	ng	88
36) 4-Chloro-3-methylphenol	8.62	107	222505	35.76	ng	96
37) 2-Methylnaphthalene	8.77	142	516923	38.30	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	196103	32.84	ng	99
40) Hexachlorocyclopentadiene	8.92	237	148957	71.93	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	136161	35.51	nq	96
43) 2,4,5-Trichlorophenol	9.10	196	137844	35.40	nq	98
45) 1,1'-Biphenyl	9.23	154	562516	32.83	nq	99
46) 2-Chloronaphthalene	9.26	162	437613	35.24	nq	100
47) 2-Nitroaniline	9.36	65	132006	36.33	nq	# 80
48) Acenaphthylene	9.68	152	731282	36.76	nq	99
49) Dimethylphthalate	9.54	163	507875	34.49	nq	100
50) 2,6-Dinitrotoluene	9.61	165	123889	39.76	nq	# 75
51) Acenaphthene	9.85	154	432752	36.58	nq	100
52) 3-Nitroaniline	9.78	138	48380	12.88	nq	85
53) 2,4-Dinitrophenol	9.89	184	124553	64.58	nq	# 67
54) Dibenzofuran	10.02	168	629395	40.28	nq	100
55) 4-Nitrophenol	9.95	139	175297	79.19	nq	98
56) 2,4-Dinitrotoluene	10.01	165	138944	35.29	nq	# 33
57) Fluorene	10.36	166	508847	38.12	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	113123	39.02	nq	98
59) Diethylphthalate	10.24	149	500189	33.65	nq	98
60) 4-Chlorophenyl-phenylether	10.35	204	232089	37.33	nq	97
61) 4-Nitroaniline	10.38	138	117579	31.79	nq	85
62) Azobenzene	10.51	77	572702	40.23	nq	100
64) 4,6-Dinitro-2-methylphenol	10.42	198	79571	35.57	nq	99
65) n-Nitrosodiphenylamine	10.48	169	454779	39.39	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	145192	38.52	nq	96
67) Hexachlorobenzene	10.91	284	152813	39.21	nq	97
68) Atrazine	11.00	200	138794	37.21	nq	98
69) Pentachlorophenol	11.10	266	141762	77.61	nq	100
70) Phenanthrene	11.32	178	780201	38.74	nq	100
71) Anthracene	11.37	178	725230	34.37	nq	99
72) Carbazole	11.53	167	670047	36.95	nq	99
73) Di-n-butylphthalate	11.86	149	874275	38.91	nq	100
74) Fluoranthene	12.50	202	734913	35.08	nq	100
76) Benzidine	12.62	184	207804	18.34	nq	100
77) Pyrene	12.73	202	737304	32.57	nq	99
79) Butylbenzylphthalate	13.35	149	358588	35.18	nq	# 66
80) Benzo(a)anthracene	13.92	228	636172	33.60	nq	99
81) 3,3'-Dichlorobenzidine	13.88	252	84702	6.12	nq	# 98
82) Chrysene	13.95	228	589013	32.30	nq	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	461767	34.14	nq	99
84) Di-n-octyl phthalate	14.52	149	825956	38.24	nq	99
85) Indeno(1,2,3-cd)pyrene	16.69	276	492446	33.28	nq	99
87) Benzo(b)fluoranthene	14.97	252	1156234	69.97	nq	# 95
88) Benzo(k)fluoranthene	14.97	252	1156234	79.01	nq	98
89) Benzo(a)pyrene	15.28	252	538521	36.78	nq	99
90) Dibenzo(a,h)anthracene	16.69	278	411207	34.91	nq	98
91) Benzo(g,h,i)perylene	17.09	276	401927	35.26	nq	96

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

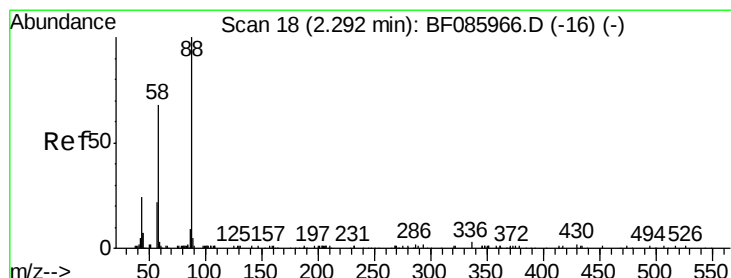
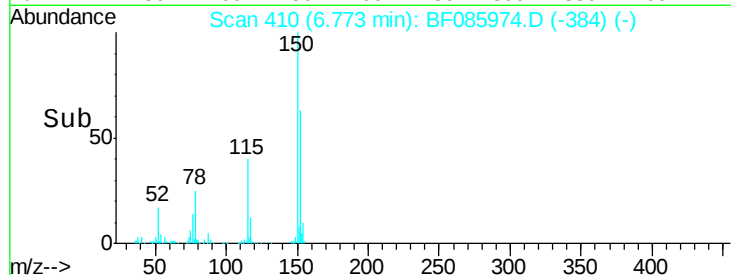
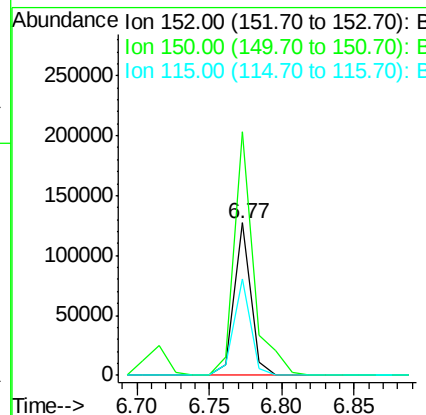
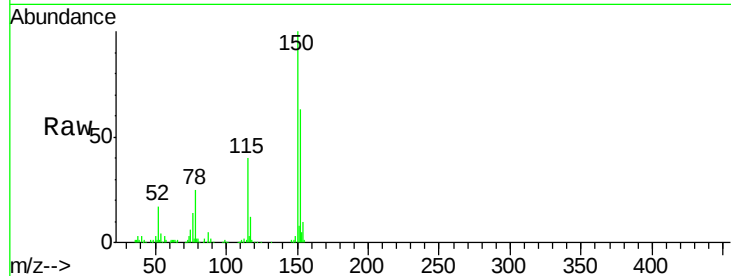


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF085974.D
Acq: 1 Apr 2016 21:15

Instrument :
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ClientSampleId :
PB89334BS

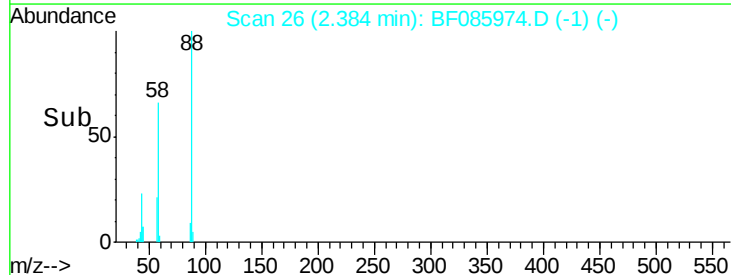
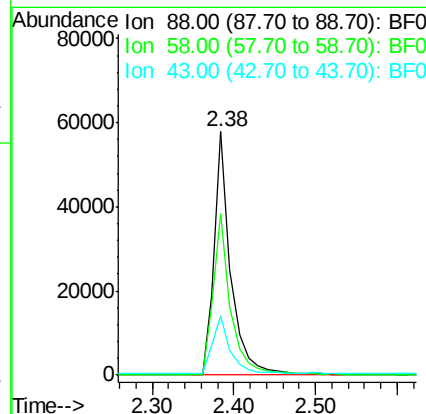
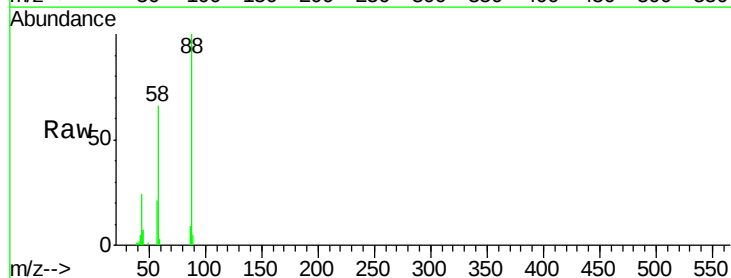
Tot Ion:152 Resp: 101860
Ion Ratio Lower Upper
152 100
150 159.8 124.2 186.2
115 63.4 47.0 70.6



#2

1,4-Dioxane
Concen: 29.88 ng
RT: 2.38 min Scan# 26
Delta R.T. 0.09 min
Lab File: BF085974.D
Acq: 1 Apr 2016 21:15

Tgt Ion: 88 Resp: 84422
Ion Ratio Lower Upper
88 100
58 69.6 54.2 81.2
43 25.4 19.3 28.9





#3

Pvridine

Concen: 34.56 ng

RT: 3.09 min Scan# 88

Delta R.T. 0.09 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

Instrument :

BNA_F

ClientSampleId :

PB89334BS

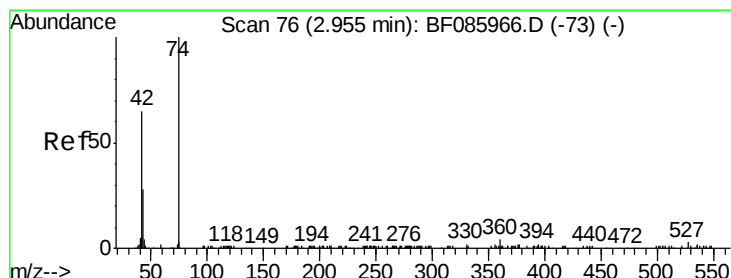
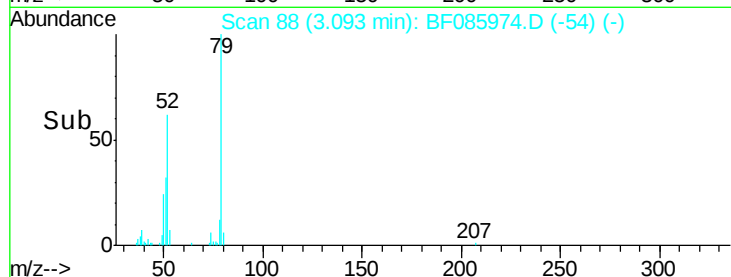
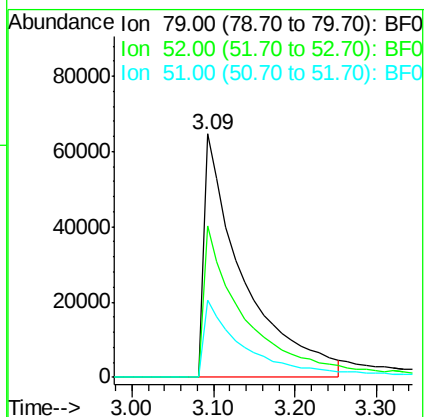
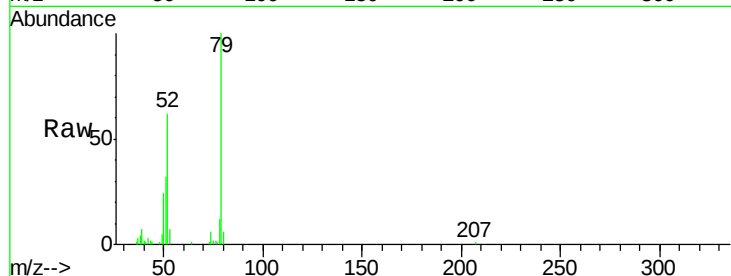
Tot Ion: 79 Resp: 218605

Ion Ratio Lower Upper

79 100

52 62.3 49.8 74.6

51 31.7 24.7 37.1



#4

n-Nitrosodimethylamine

Concen: 36.98 ng

RT: 3.04 min Scan# 83

Delta R.T. 0.08 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

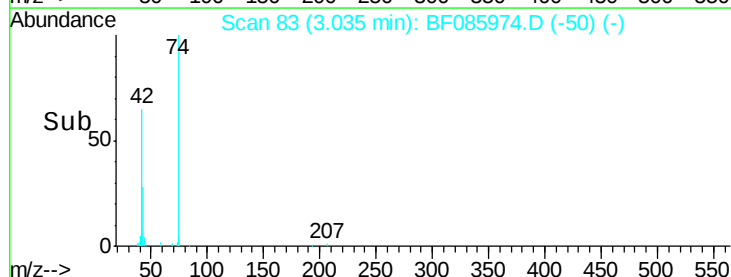
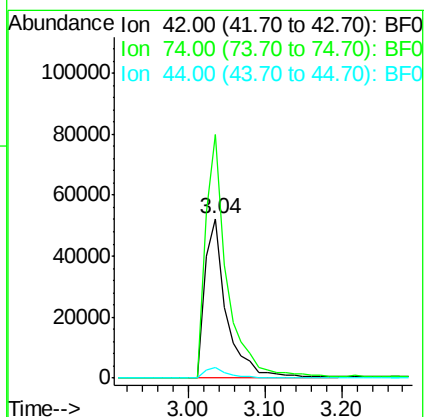
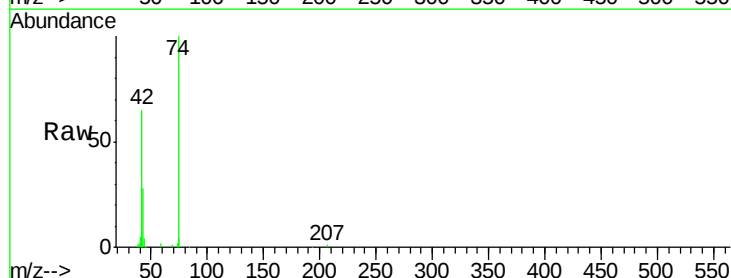
Tgt Ion: 42 Resp: 102837

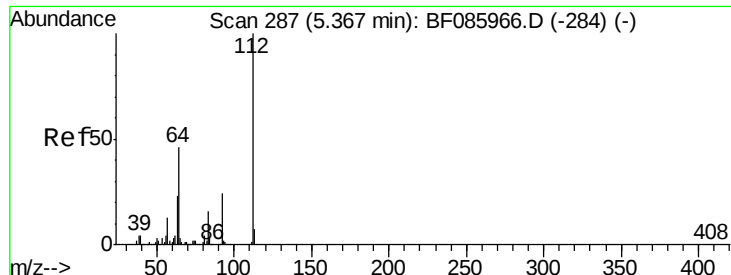
Ion Ratio Lower Upper

42 100

74 152.8 121.4 182.2

44 6.8 5.6 8.4





#5

2-Fluorophenol

Concen: 122.74 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

Instrument :

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ClientSampleId :

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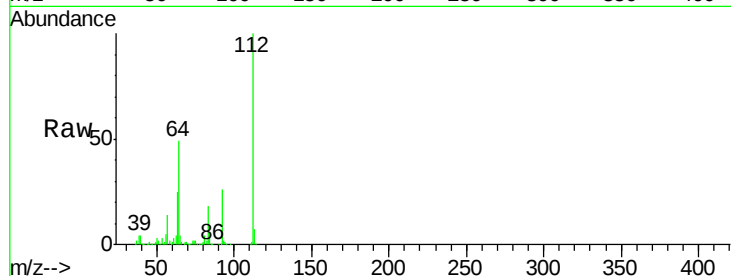
Tot Ion:112 Resp: 731437

Ion Ratio Lower Upper

112 100

64 49.4 39.9 59.9

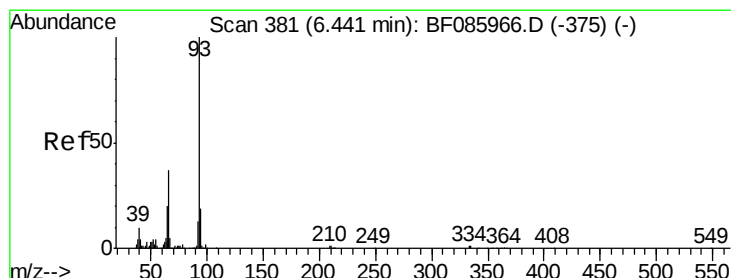
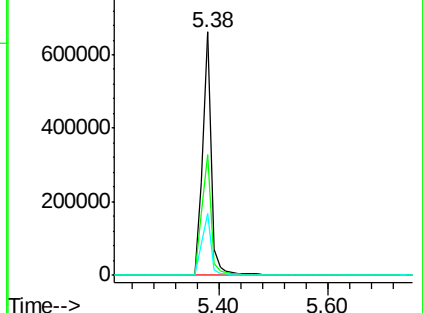
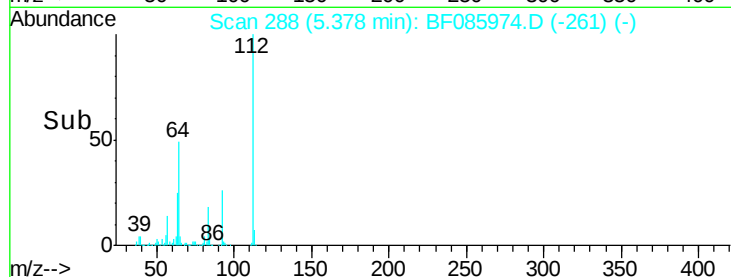
63 25.3 20.2 30.2



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: 15.55 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

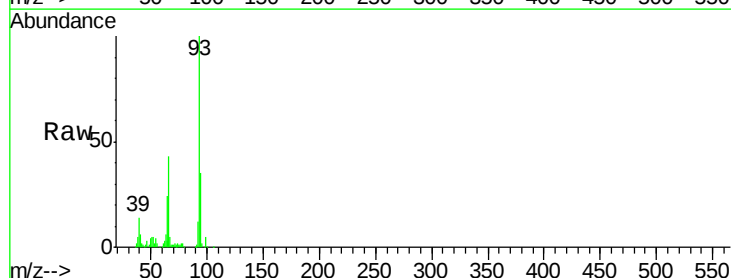
Tgt Ion: 93 Resp: 154403

Ion Ratio Lower Upper

93 100

66 42.6 31.4 47.2

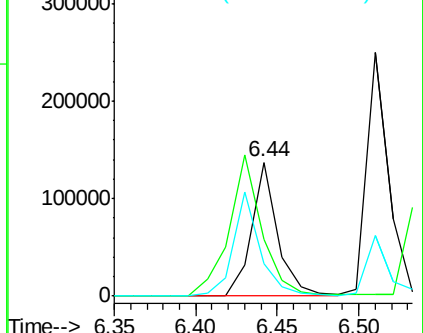
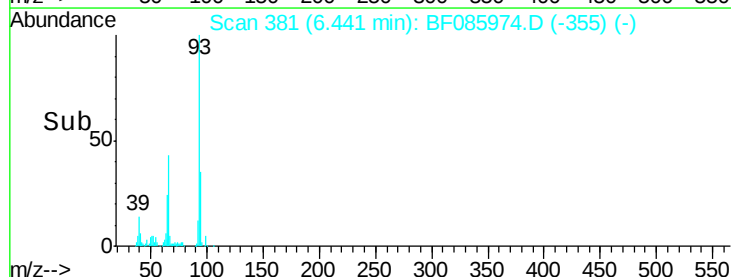
65 24.0 15.7 23.5#

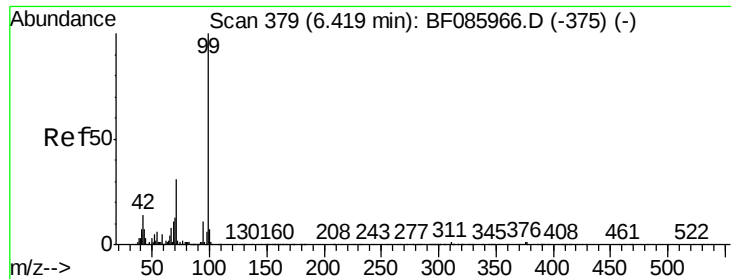


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 114.48 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085974.D

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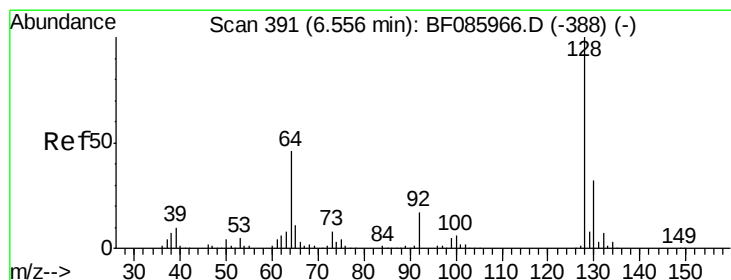
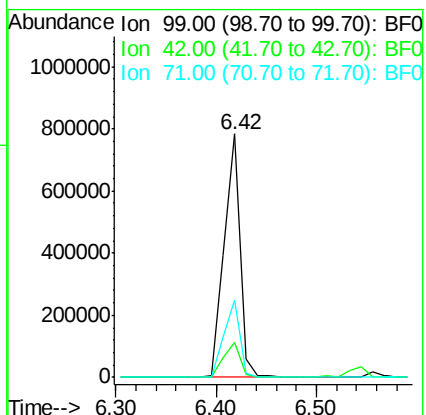
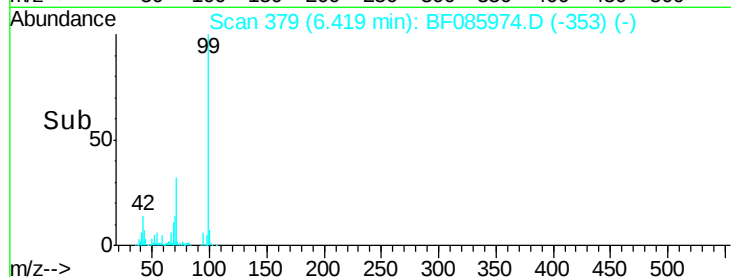
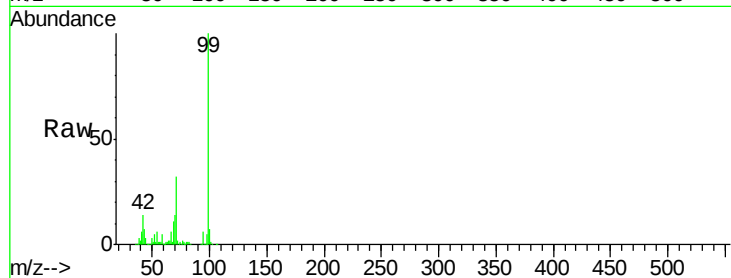
Tot Ion: 99 Resp: 866518

Ion Ratio Lower Upper

99 100

42 14.4 11.1 16.7

71 31.9 24.9 37.3



#8

2-Chlorophenol

Concen: 36.57 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

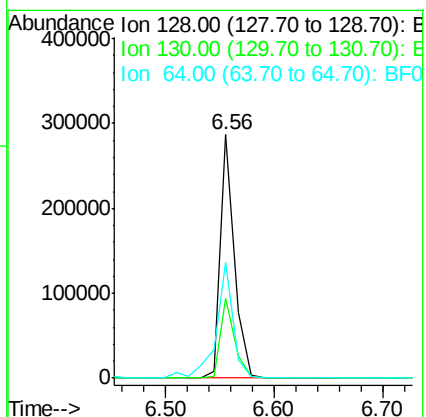
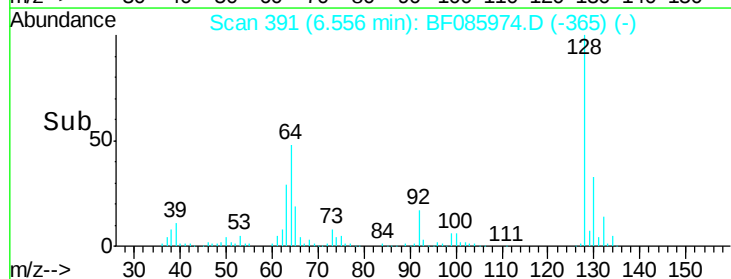
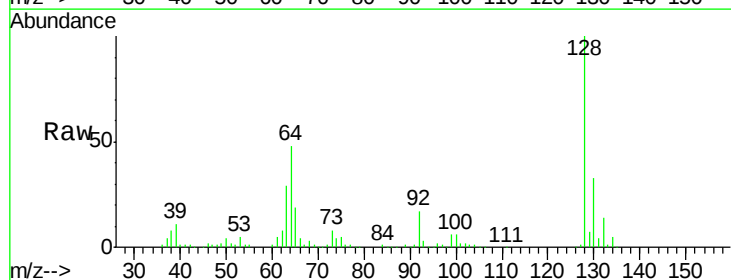
Tgt Ion: 128 Resp: 259918

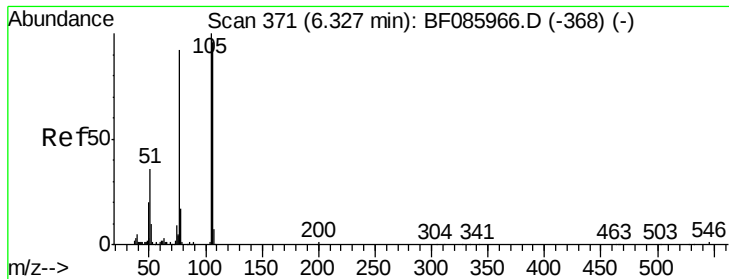
Ion Ratio Lower Upper

128 100

130 32.6 12.9 52.9

64 47.5 20.2 60.2





#9

Benzaldehyde

Concen: 28.69 ng

RT: 6.33 min Scan# 371

Delta R.T. 0.00 min

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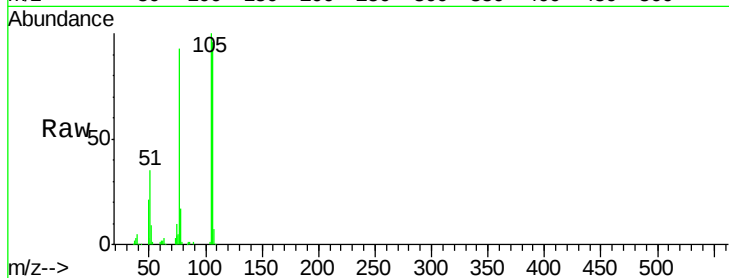
Tot Ion: 77 Resp: 116860

Ion Ratio Lower Upper

77 100

105 108.0 80.1 120.1

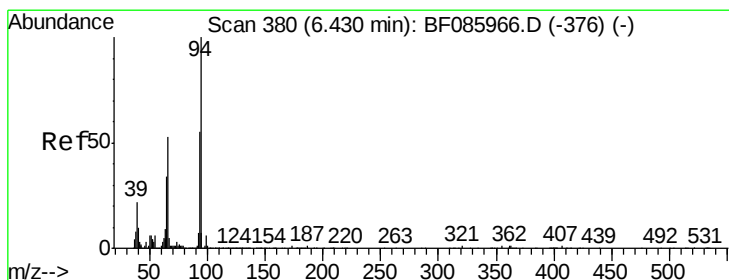
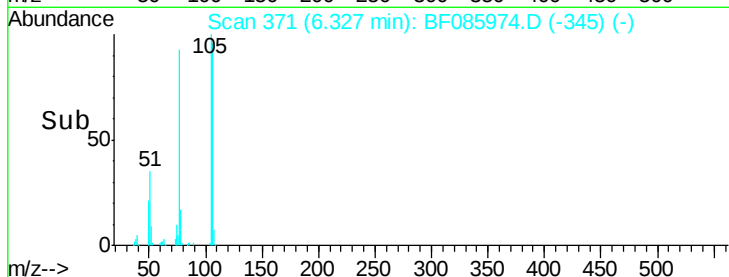
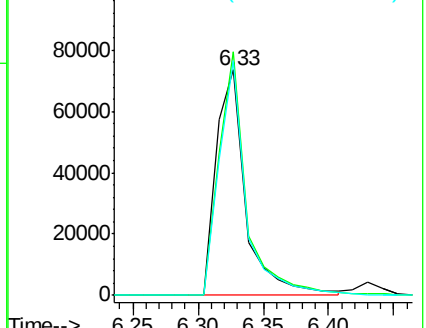
106 104.1 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.37 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

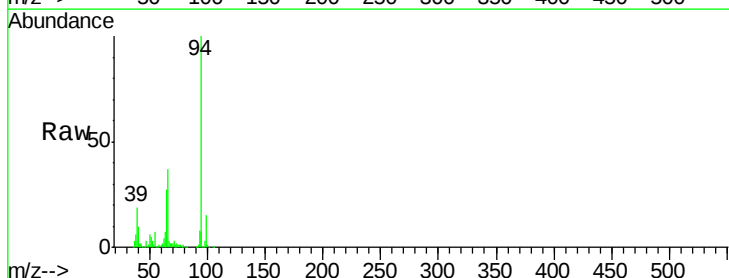
Tgt Ion: 94 Resp: 348566

Ion Ratio Lower Upper

94 100

65 27.3 8.6 48.6

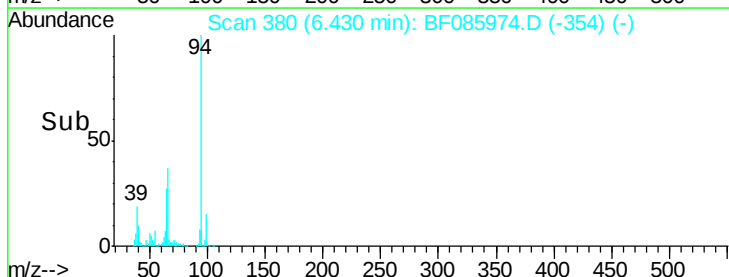
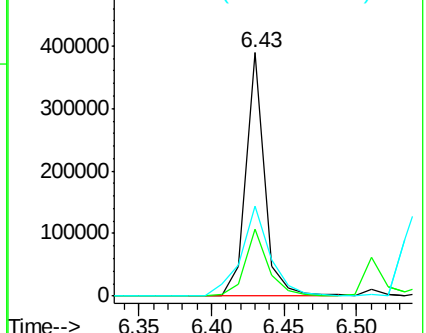
66 37.2 20.0 60.0

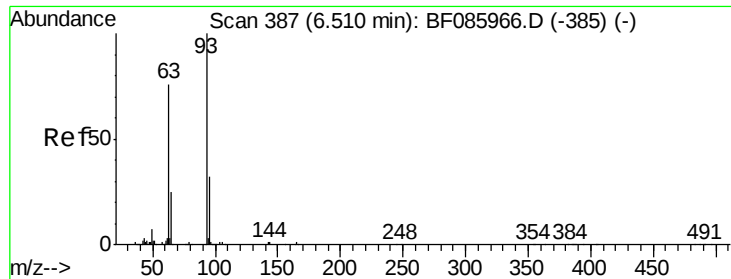


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

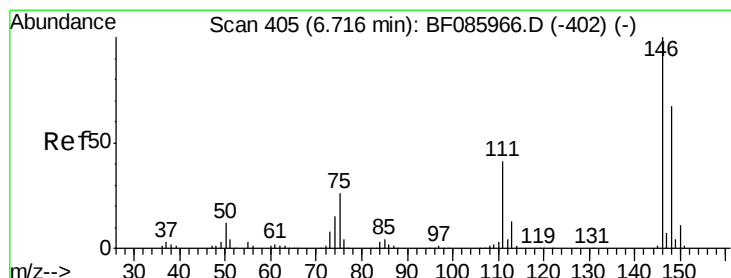
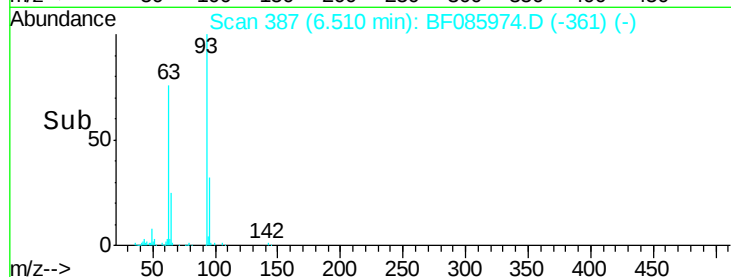
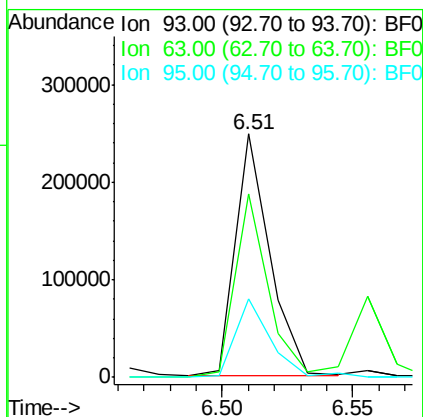
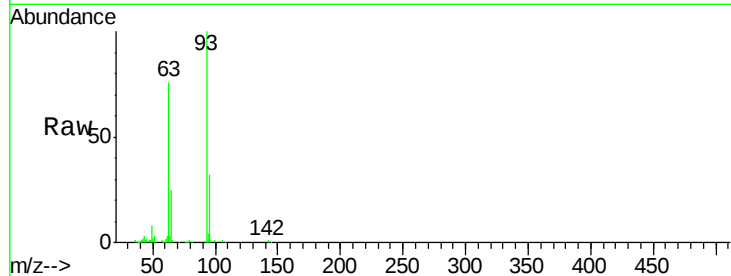




#11
bis(2-Chloroethyl)ether
Concen: 33.43 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF085974.D
Acq: 1 Apr 2016 21:15

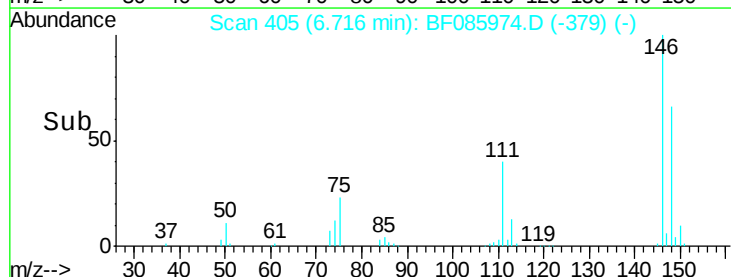
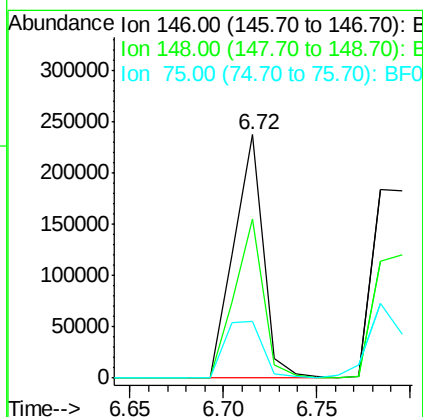
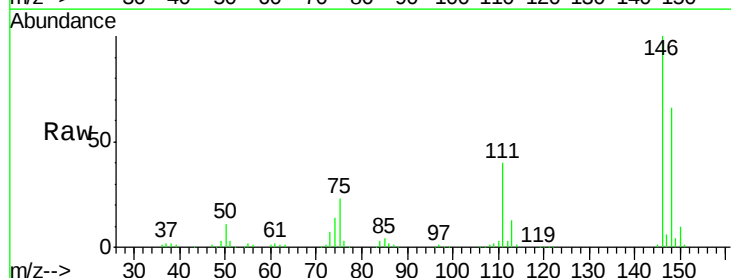
Instrument :
BNA_F
ClientSampleId :
PB89334BS

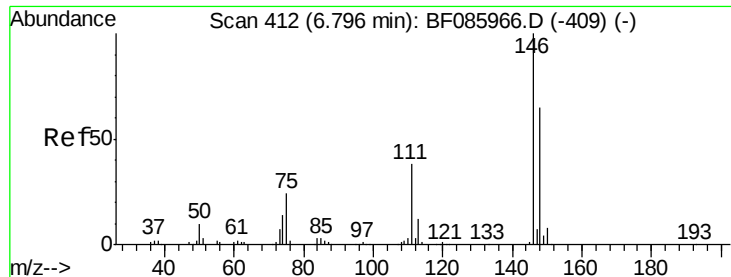
Tot Ion:	93	Resp:	228586
Ion	Ratio	Lower	Upper
93	100		
63	75.6	50.9	90.9
95	32.2	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 34.82 ng
RT: 6.72 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF085974.D
Acq: 1 Apr 2016 21:15

Tgt Ion:	146	Resp:	262265
Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.3	78.5
75	23.2	17.4	26.2

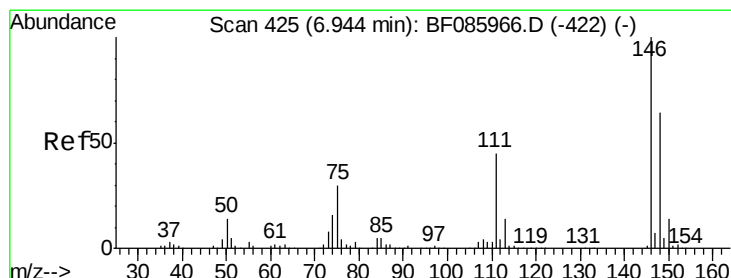
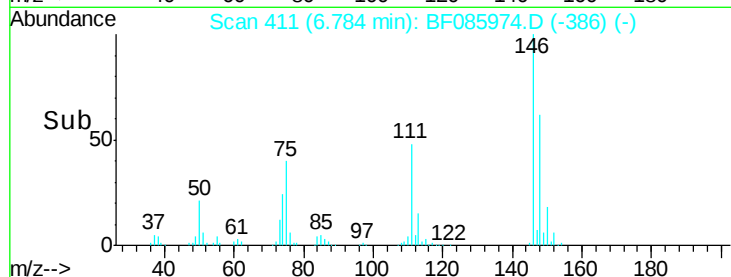
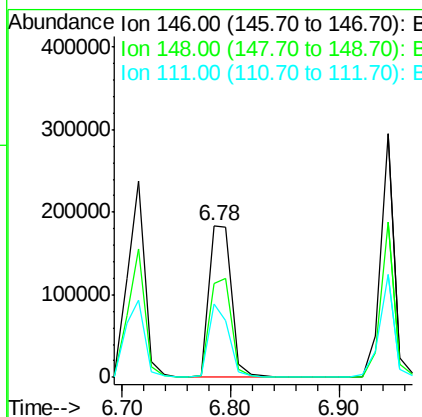
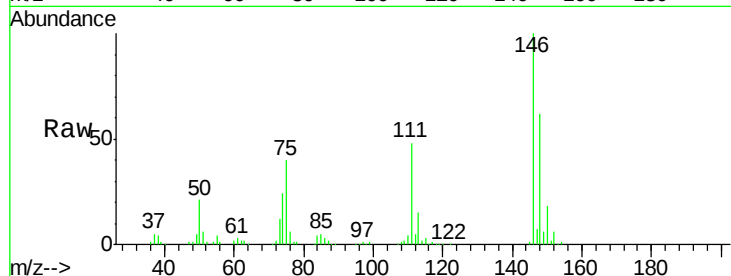




#13
 1,4-Dichlorobenzene
 Concen: 34.63 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: BF085974.D
 Acq: 1 Apr 2016 21:15

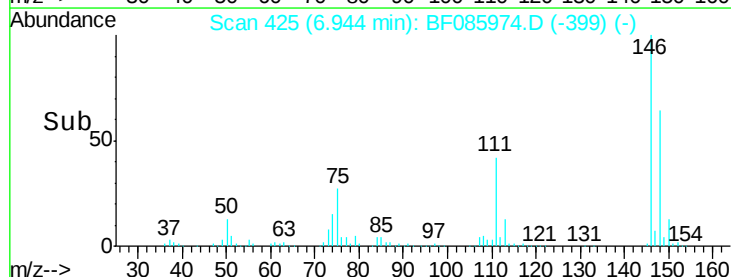
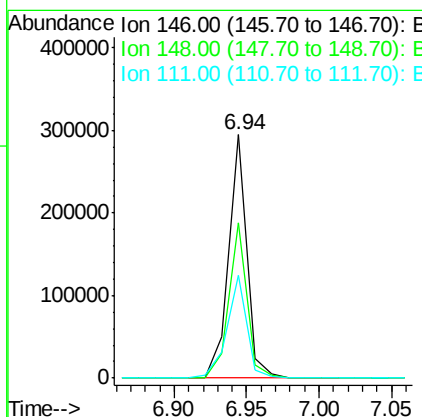
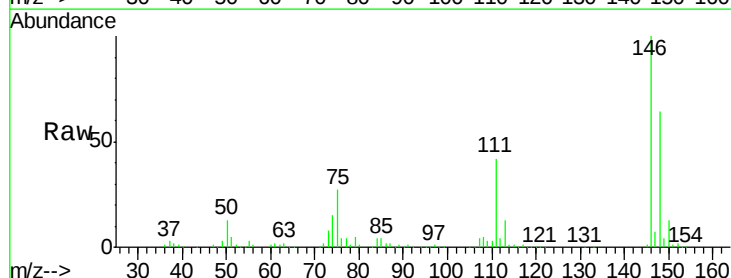
Instrument :
 BNA_F
 ClientSampled :
 PB89334BS

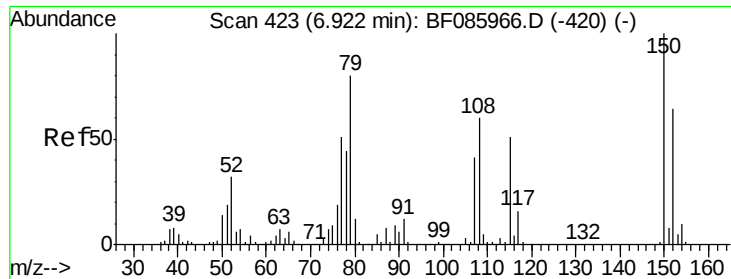
Tot Ion:146 Resp: 268709
 Ion Ratio Lower Upper
 146 100
 148 62.1 50.6 76.0
 111 48.2 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 36.01 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF085974.D
 Acq: 1 Apr 2016 21:15

Tgt Ion:146 Resp: 257182
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.4 77.2
 111 42.5 34.6 52.0

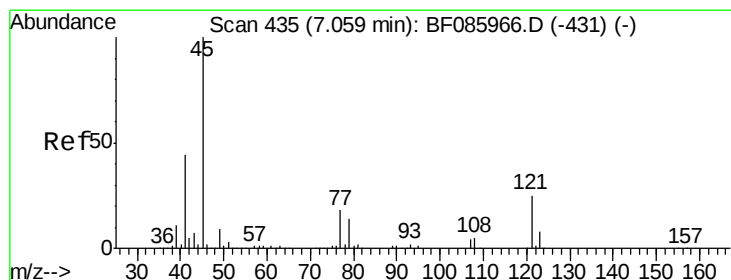
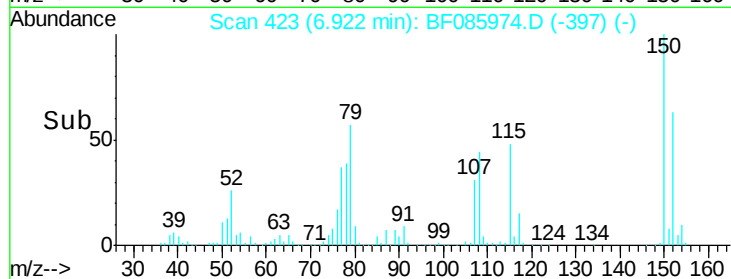
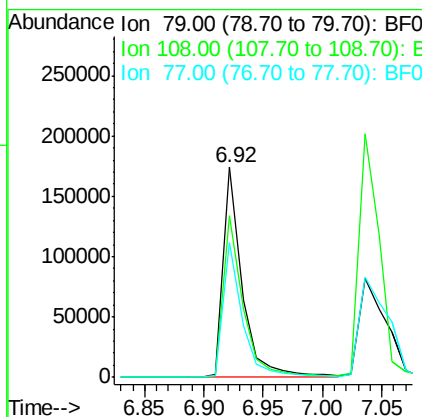
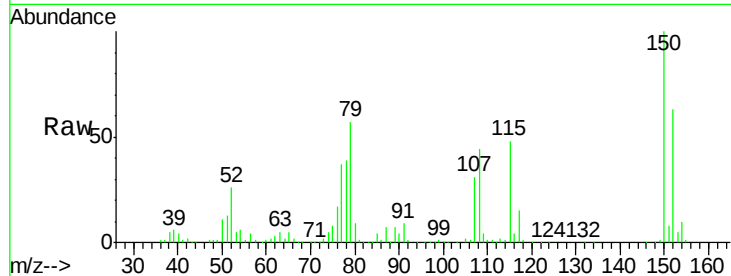




#15
Benzyl Alcohol
Concen: 39.15 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF085974.D
Acq: 1 Apr 2016 21:15

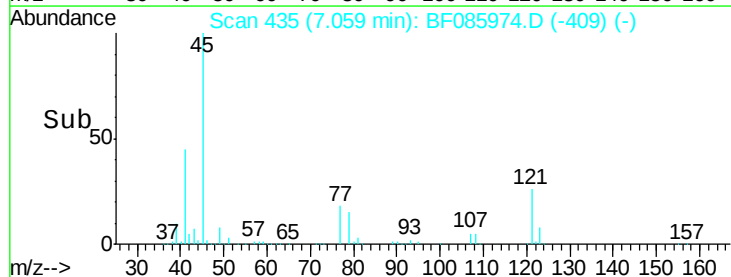
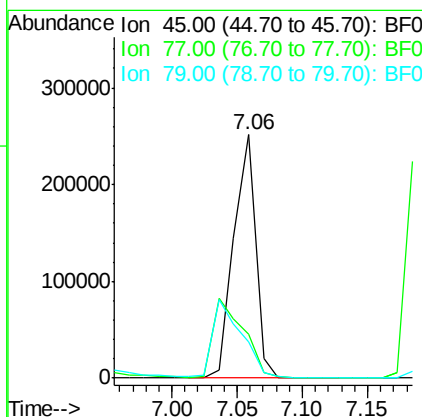
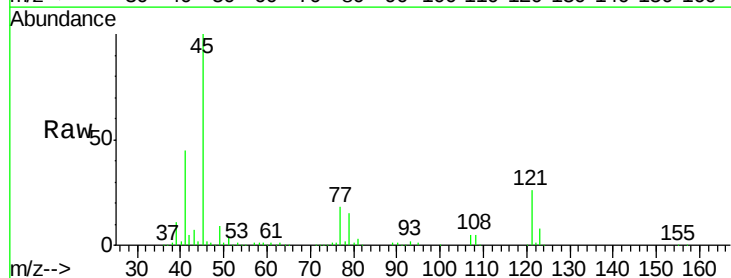
Instrument :
BNA_F
ClientSampleId :
PB89334BS

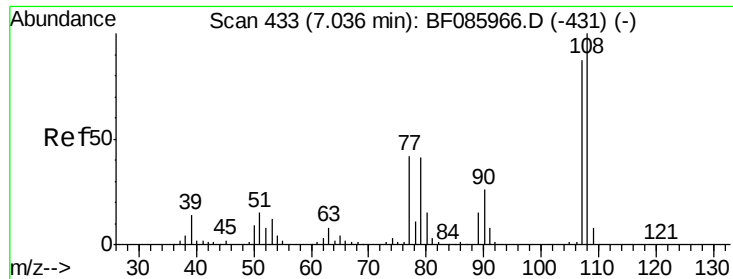
Tot Ion: 79 Resp: 191714
Ion Ratio Lower Upper
79 100
108 76.8 61.8 92.6
77 64.0 49.6 74.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.08 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF085974.D
Acq: 1 Apr 2016 21:15

Tgt Ion: 45 Resp: 293041
Ion Ratio Lower Upper
45 100
77 18.2 0.0 35.7
79 15.1 0.0 32.2

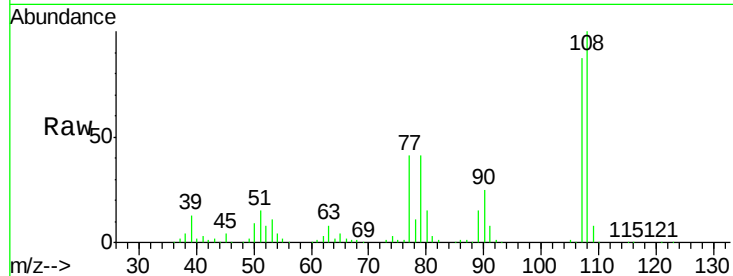




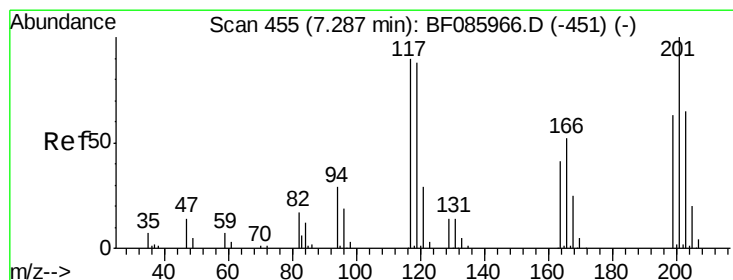
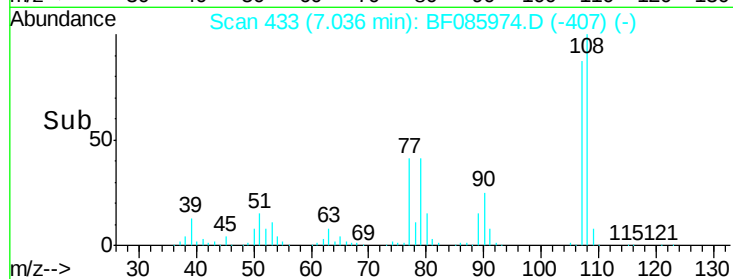
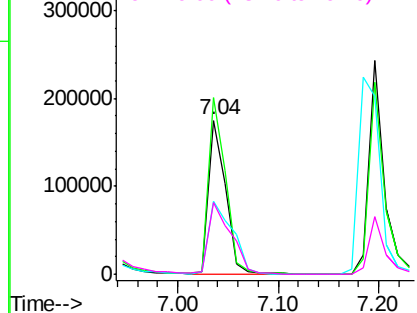
#17
2-Methylphenol
Concen: 37.10 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF085974.D
Acq: 1 Apr 2016 21:15

Instrument :
BNA_F
ClientSampleId :
PB89334BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.0	91.4	137.0
77	47.1	36.2	54.2
79	46.6	35.8	53.8

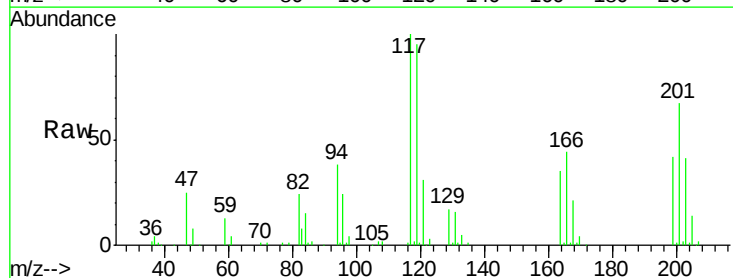


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

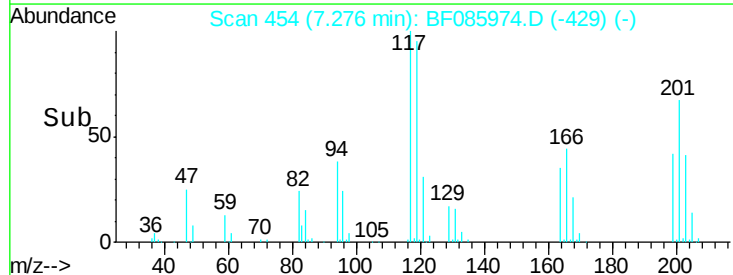
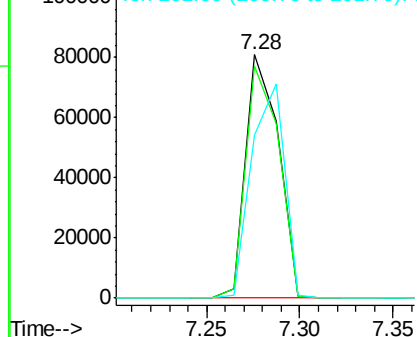


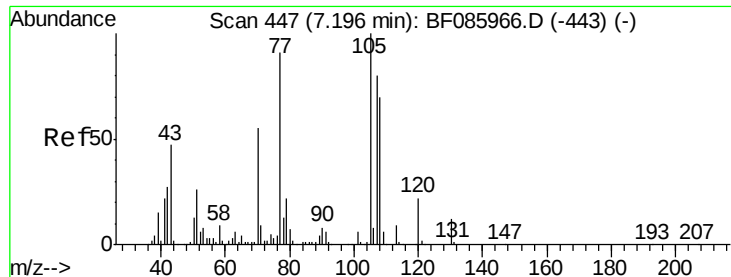
#18
Hexachloroethane
Concen: 34.50 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF085974.D
Acq: 1 Apr 2016 21:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.7	115.1
201	66.7	83.3	124.9#



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

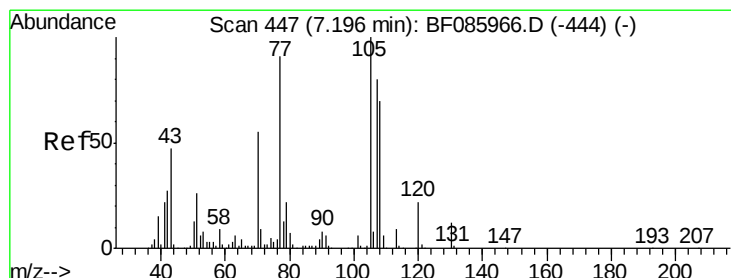
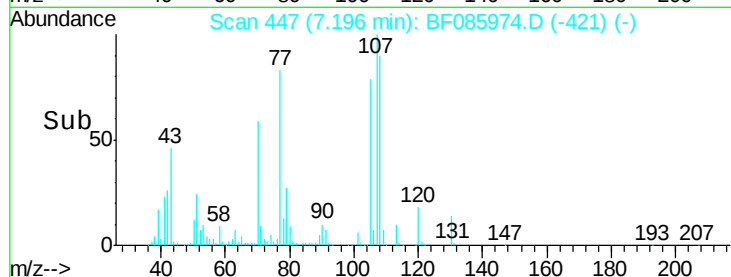
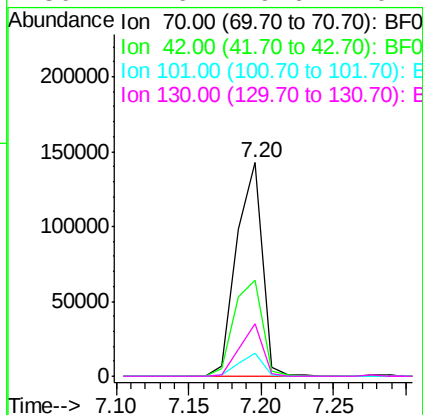
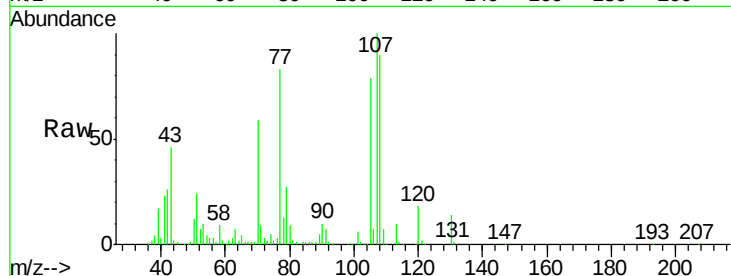




#19
n-Nitroso-di-n-propylamine
Concen: 37.33 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF085974.D
Acq: 1 Apr 2016 21:15

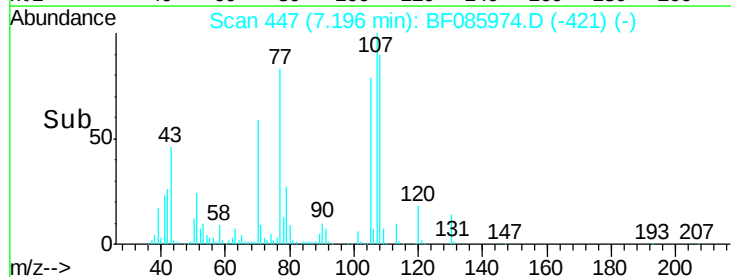
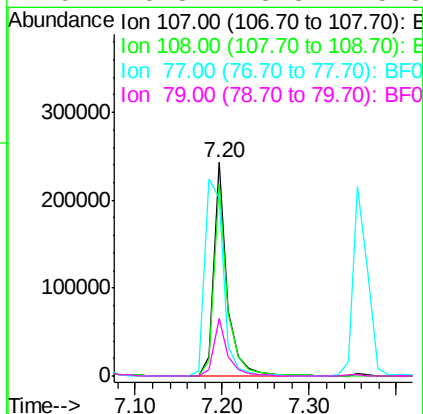
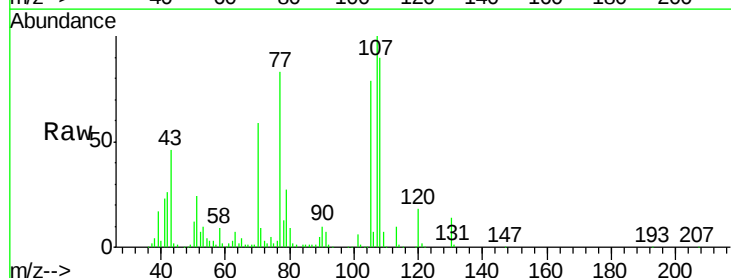
Instrument :
BNA_F
ClientSampleId :
PB89334BS

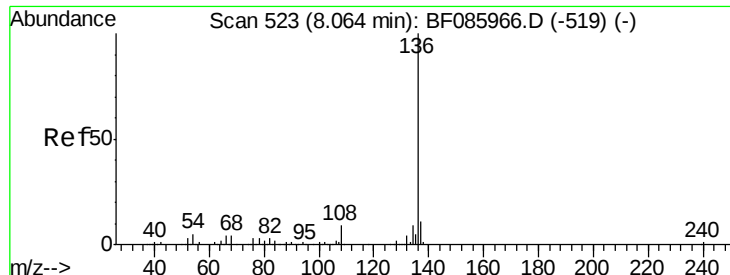
Tot Ion:	70	Resp:	175137
Ion	Ratio	Lower	Upper
70	100		
42	45.0	37.1	55.7
101	10.7	8.6	12.8
130	24.6	19.6	29.4



#20
3+4-Methylphenols
Concen: 38.77 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF085974.D
Acq: 1 Apr 2016 21:15

Tgt Ion:	107	Resp:	264233
Ion	Ratio	Lower	Upper
107	100		
108	89.6	69.3	109.3
77	83.1	101.7	141.7#
79	26.8	8.3	48.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

Instrument :

BNA_F

ClientSampleId :

PB89334BS

Tot Ion:136 Resp: 410715

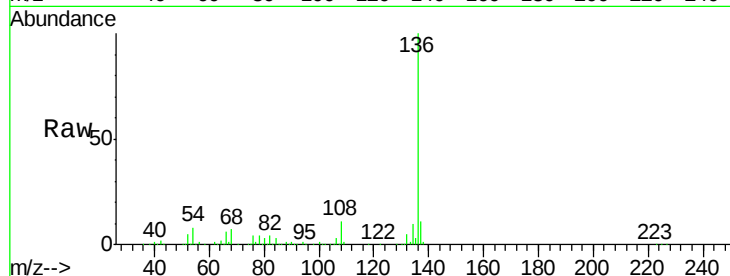
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.3 7.4 11.0

68 6.7 5.8 8.8

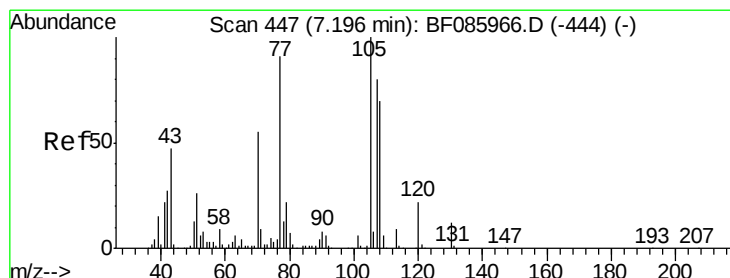
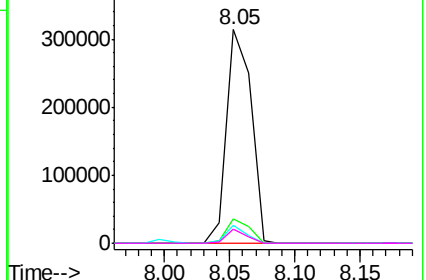
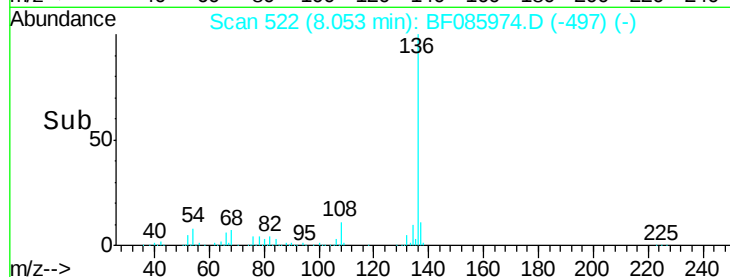


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.96 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

Tgt Ion:105 Resp: 337573

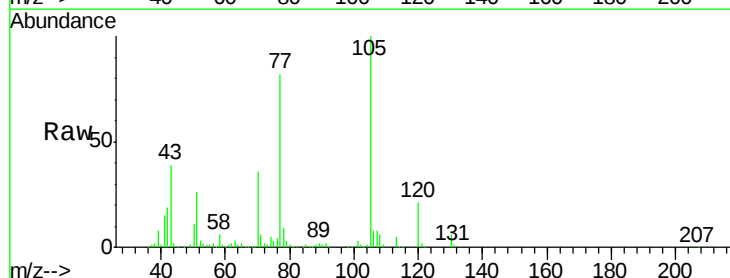
Ion Ratio Lower Upper

105 100

71 5.9 3.6 5.4#

51 26.1 25.4 38.0

120 21.0 16.9 25.3

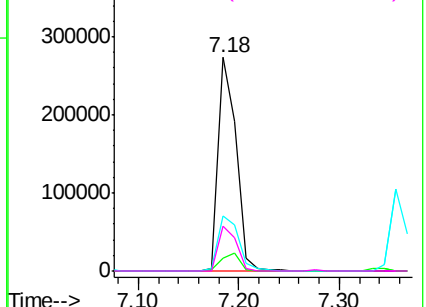
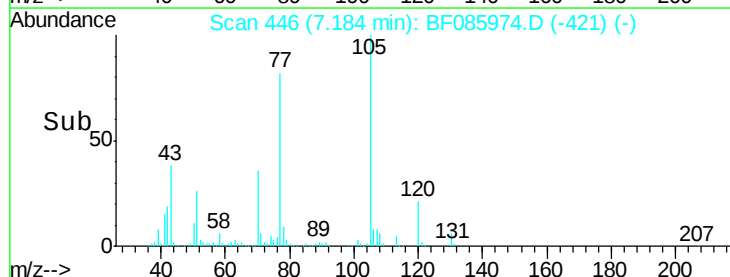


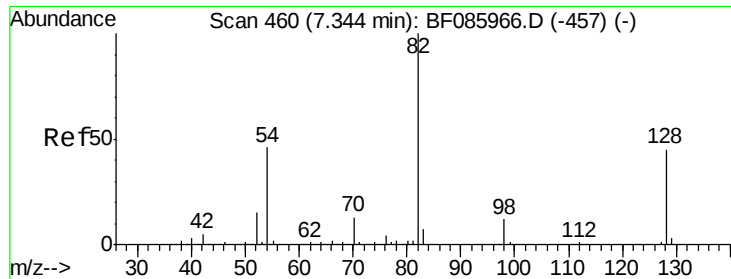
Abundance Ion 105.00 (104.70 to 105.70): E

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

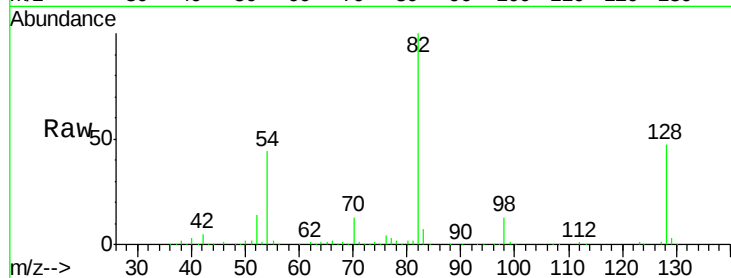




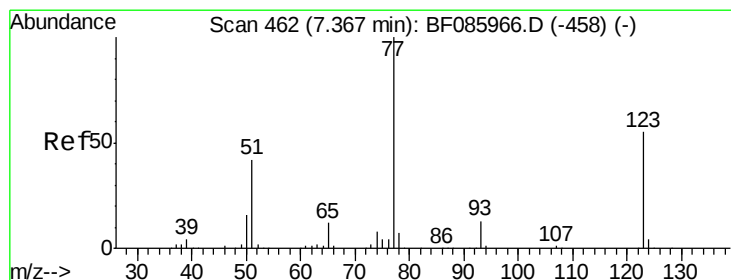
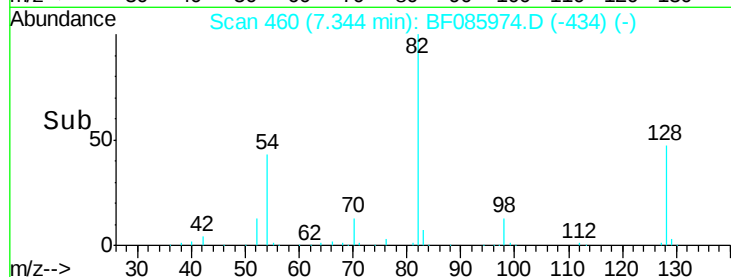
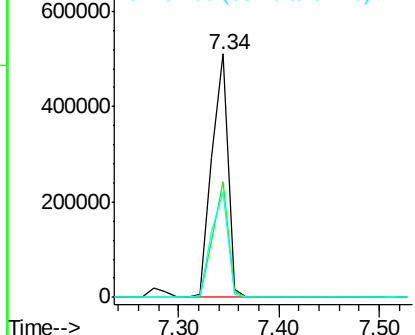
#23
 Nitrobenzene-d5
 Concen: 81.82 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF085974.D
 Acq: 1 Apr 2016 21:15

Instrument :
 BNA_F
 ClientSampleId :
 PB89334BS

Tot Ion: 82 Resp: 569808
 Ion Ratio Lower Upper
 82 100
 128 47.4 41.8 62.8
 54 43.5 33.4 50.0

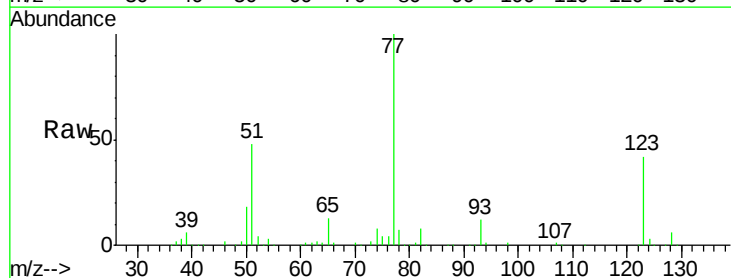


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

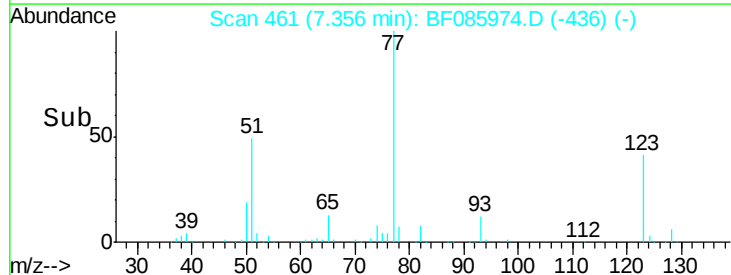
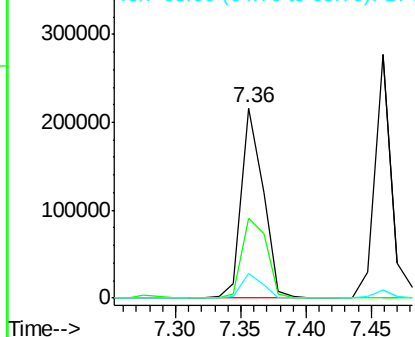


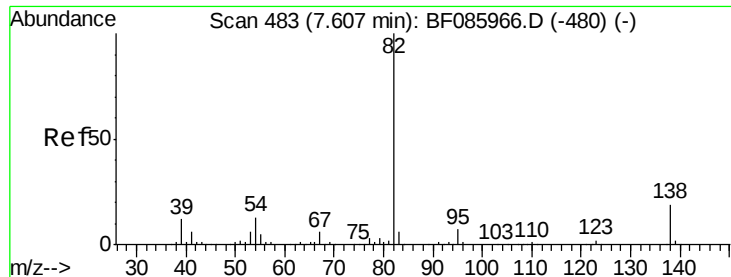
#24
 Nitrobenzene
 Concen: 32.64 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF085974.D
 Acq: 1 Apr 2016 21:15

Tgt Ion: 77 Resp: 248659
 Ion Ratio Lower Upper
 77 100
 123 41.8 35.0 52.4
 65 12.8 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 34.40 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

Instrument :

BNA_F

ClientSampleId :

PB89334BS

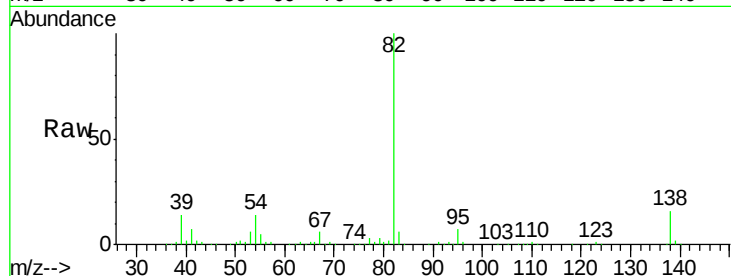
Tot Ion: 82 Resp: 472864

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

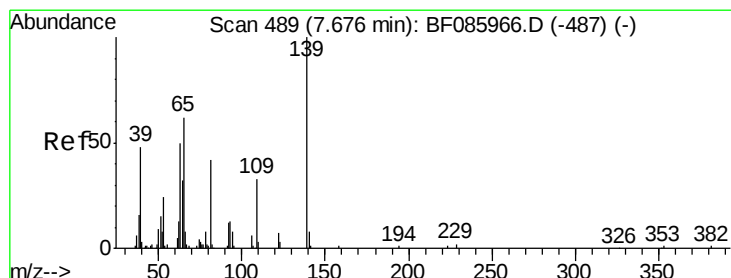
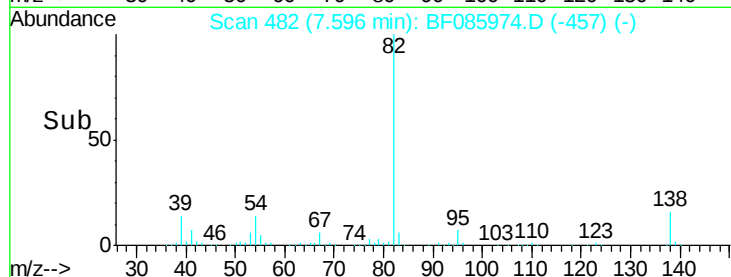
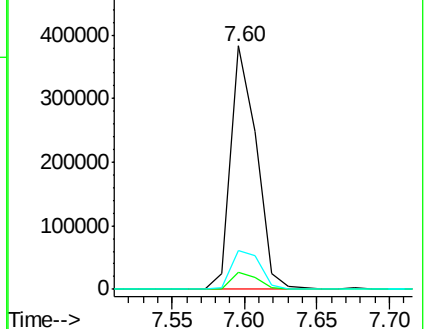
138 16.0 12.9 19.3



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: 36.15 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

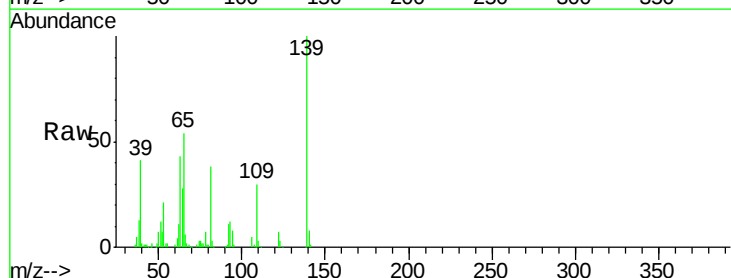
Tgt Ion: 139 Resp: 131799

Ion Ratio Lower Upper

139 100

109 30.5 22.1 33.1

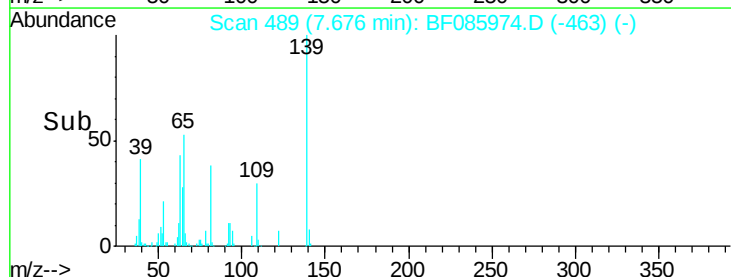
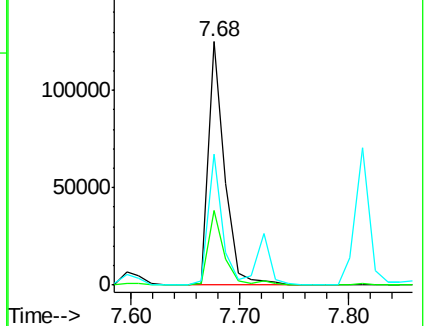
65 54.0 33.9 50.9#

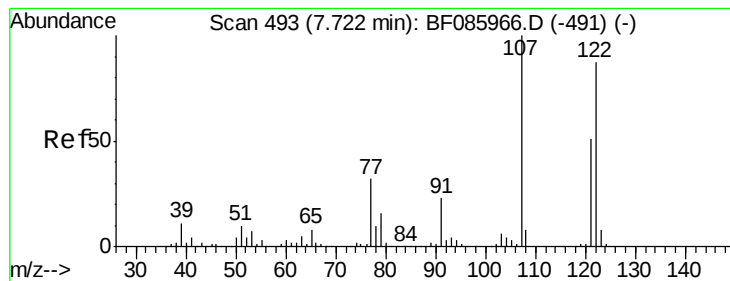


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 37.97 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

Instrument :

BNA_F

ClientSampleId :

PB89334BS

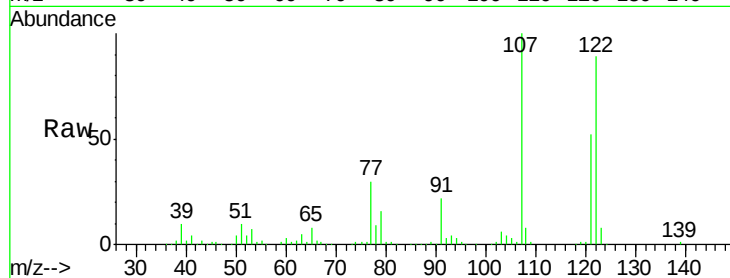
Tot Ion:122 Resp: 248616

Ion Ratio Lower Upper

122 100

107 112.4 93.0 139.6

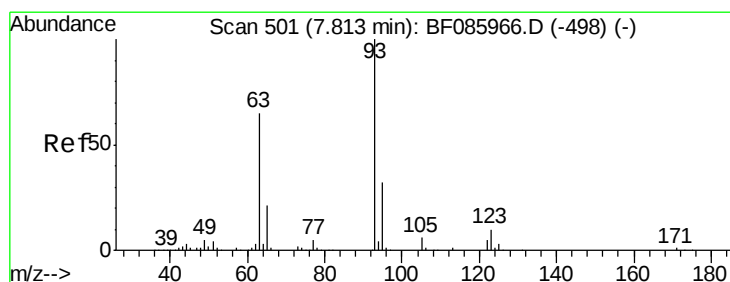
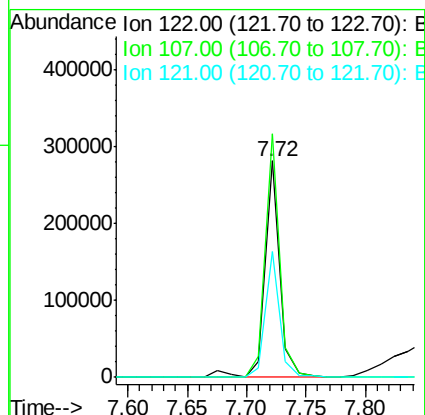
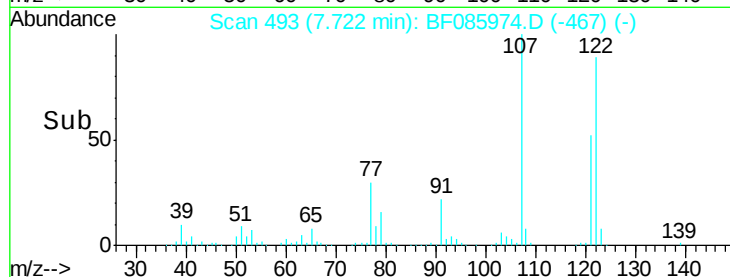
121 58.2 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.83 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

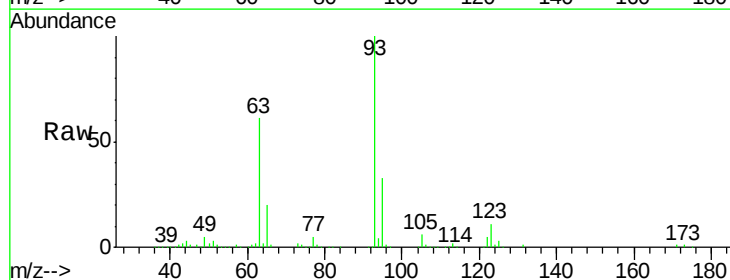
Tgt Ion: 93 Resp: 313256

Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

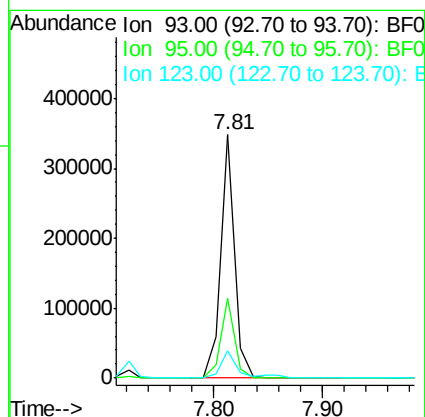
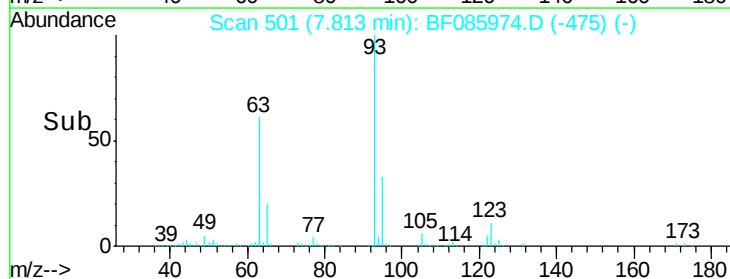
123 11.0 9.8 14.6

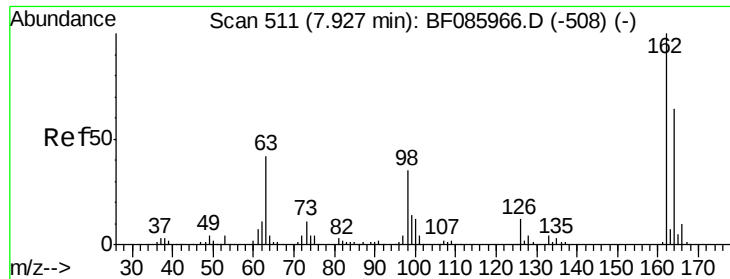


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

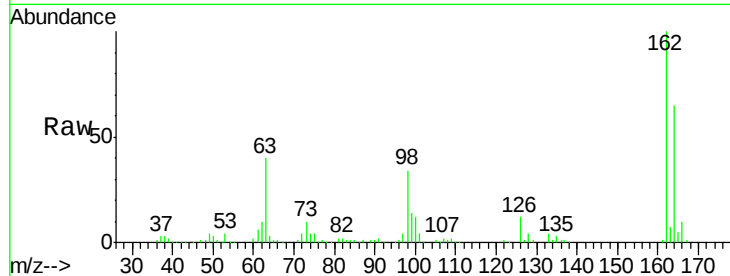




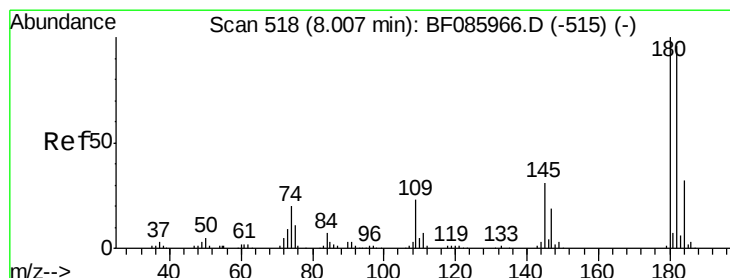
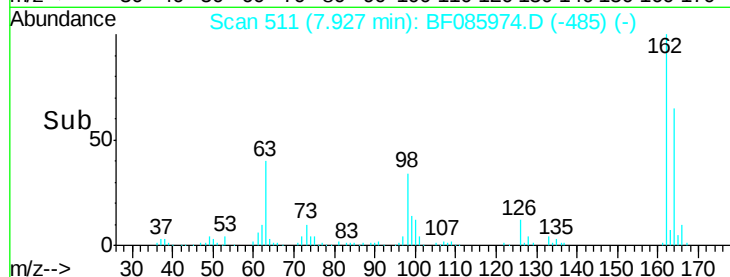
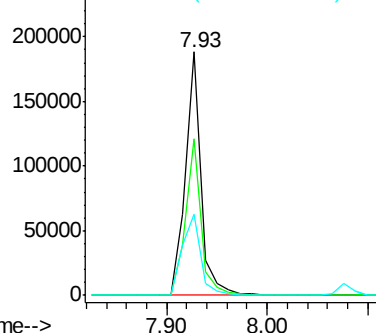
#29
 2,4-Dichlorophenol
 Concen: 36.47 ng
 RT: 7.93 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF085974.D
 Acq: 1 Apr 2016 21:15

Instrument :
 BNA_F
 ClientSampleId :
 PB89334BS

Tot Ion:162 Resp: 201893
 Ion Ratio Lower Upper
 162 100
 164 64.5 43.7 83.7
 98 33.5 20.4 60.4

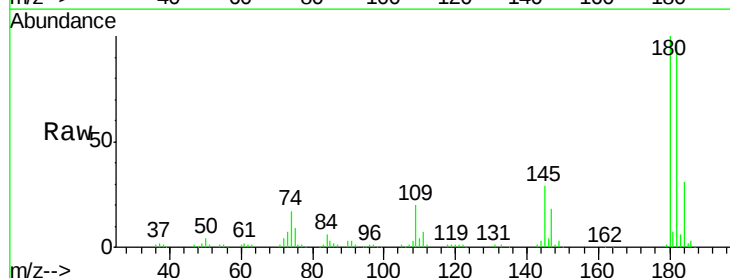


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

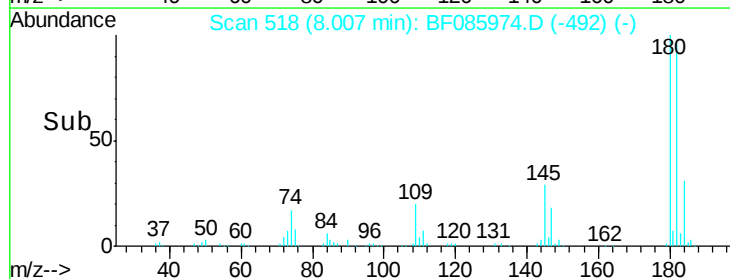
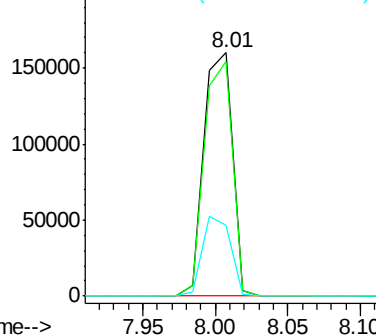


#30
 1,2,4-Trichlorobenzene
 Concen: 35.34 ng
 RT: 8.01 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF085974.D
 Acq: 1 Apr 2016 21:15

Tgt Ion:180 Resp: 219563
 Ion Ratio Lower Upper
 180 100
 182 96.3 73.8 110.8
 145 29.2 28.4 42.6



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





#31

Naphthalene

Concen: 34.20 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

Instrument :

BNA_F

ClientSampleId :

PB89334BS

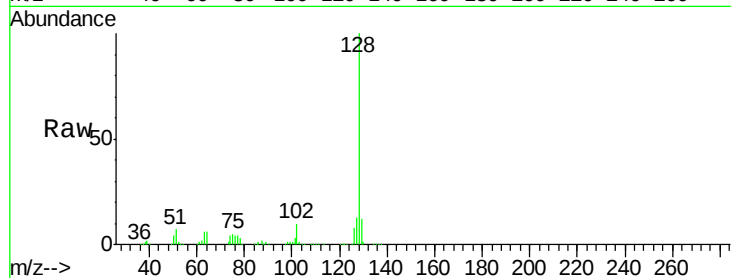
Tot Ion:128 Resp: 706633

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.0

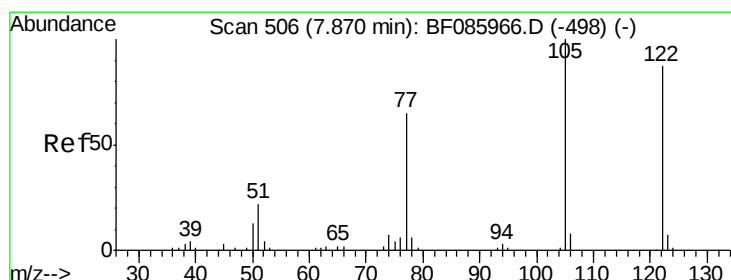
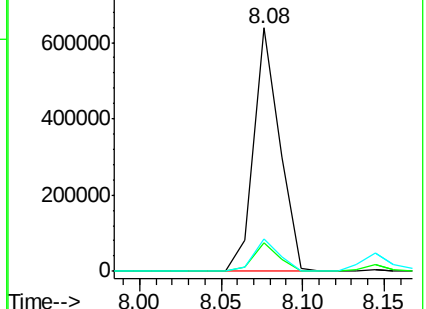
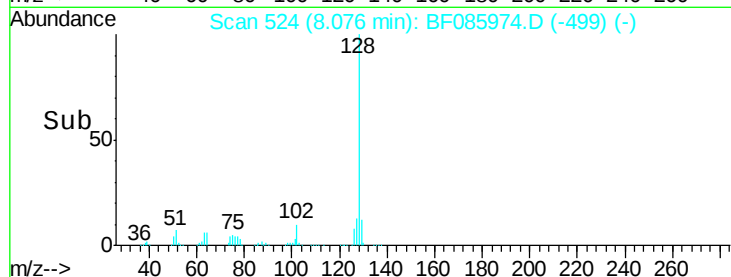
127 13.4 11.0 16.6



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: 29.64 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

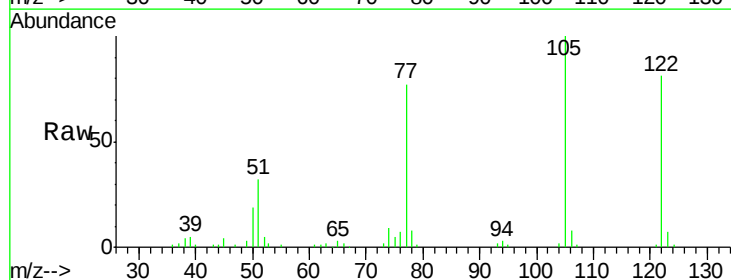
Tgt Ion:122 Resp: 142382

Ion Ratio Lower Upper

122 100

105 123.3 102.9 142.9

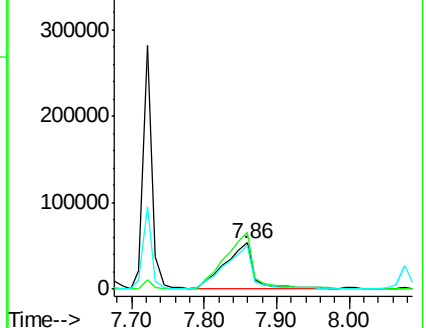
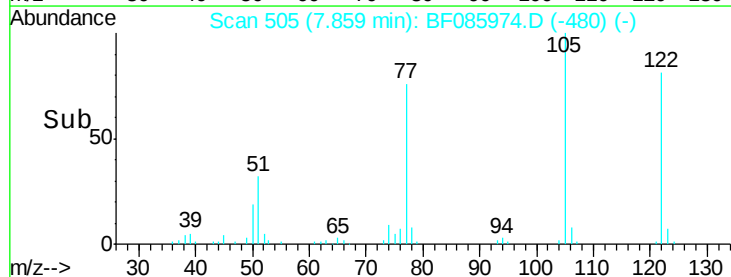
77 95.0 71.8 111.8

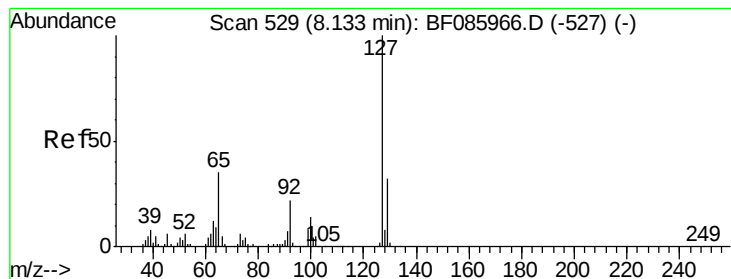


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 8.63 ng

RT: 8.14 min Scan# 530

Delta R.T. 0.01 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

Instrument :

BNA_F

ClientSampleId :

PB89334BS

Tot Ion:127 Resp: 72024

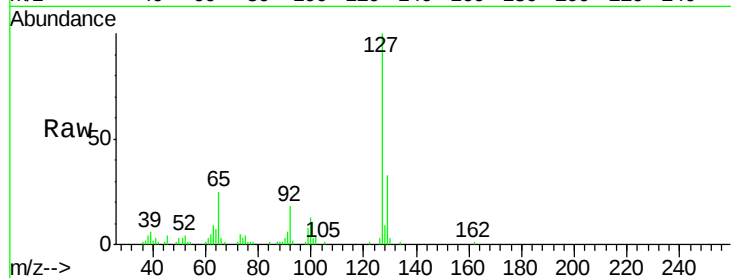
Ion Ratio Lower Upper

127 100

129 33.0 26.1 39.1

65 25.3 19.5 29.3

92 17.6 14.6 22.0

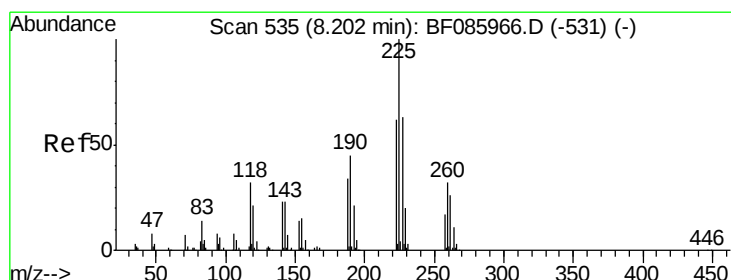
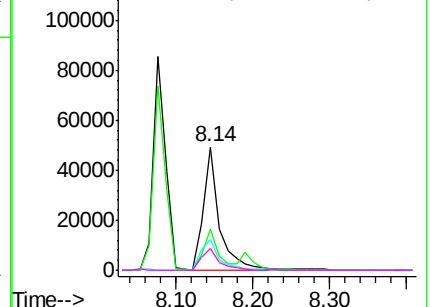
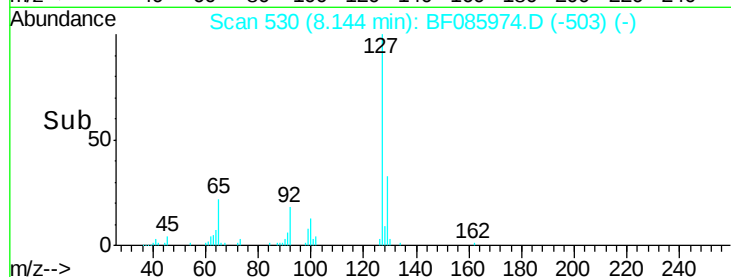


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 34.28 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

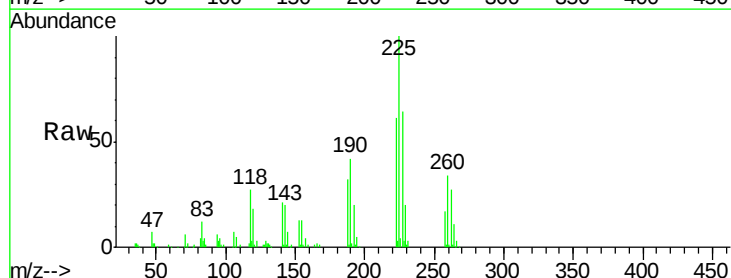
Tgt Ion:225 Resp: 114501

Ion Ratio Lower Upper

225 100

223 60.6 50.4 75.6

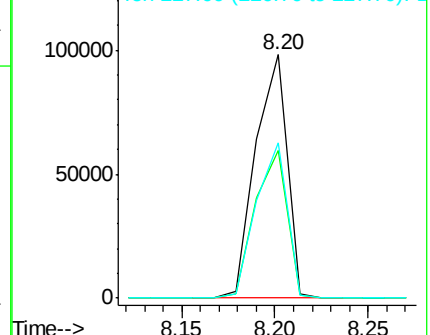
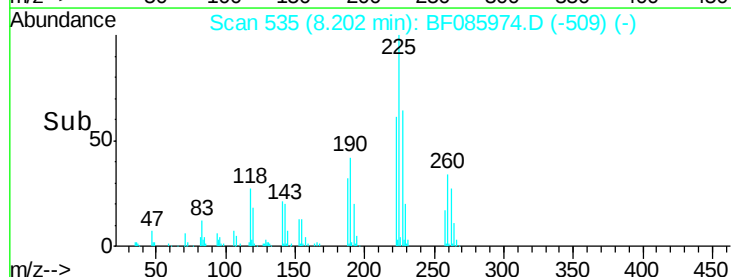
227 63.9 51.4 77.2

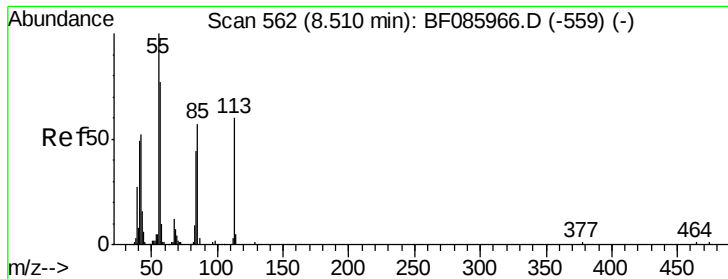


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

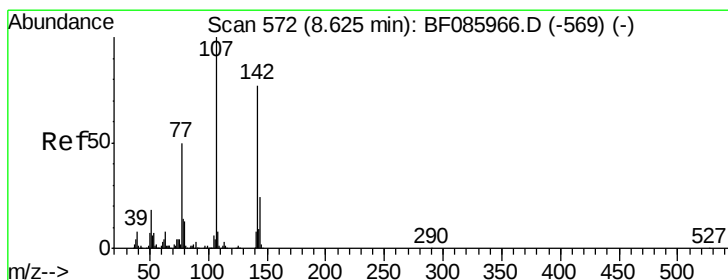
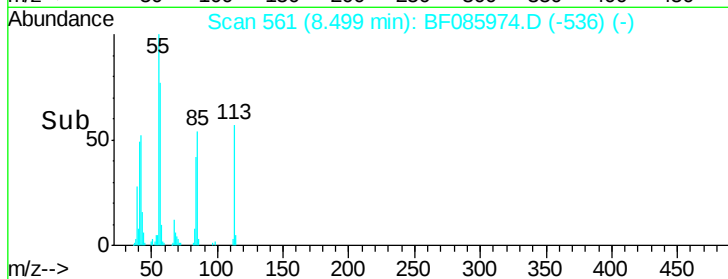
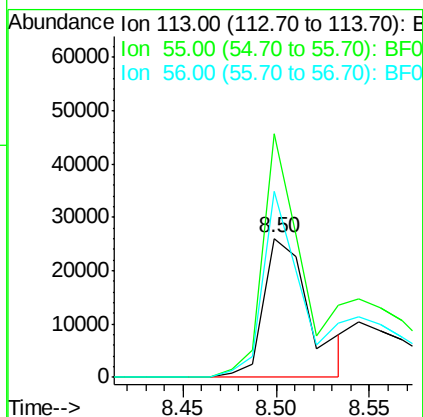
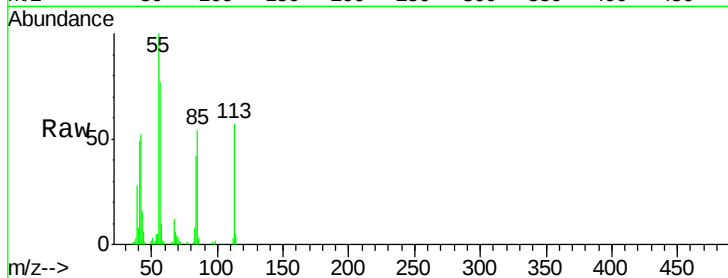




#35
 Caprolactam
 Concen: 25.39 ng
 RT: 8.50 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: BF085974.D
 Acq: 1 Apr 2016 21:15

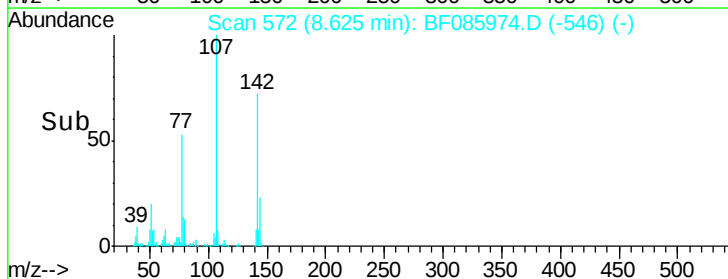
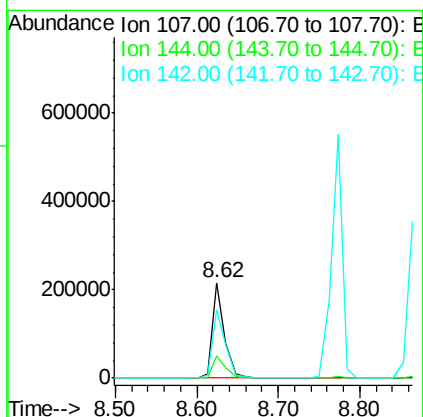
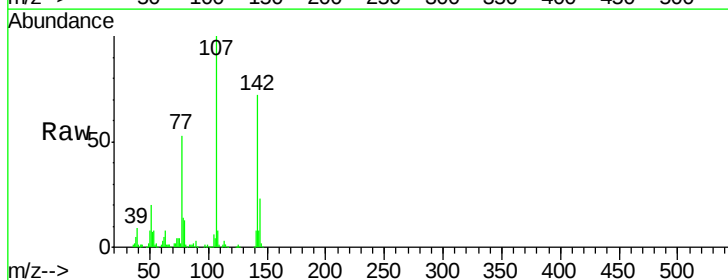
Instrument :
 BNA_F
 ClientSampleId :
 PB89334BS

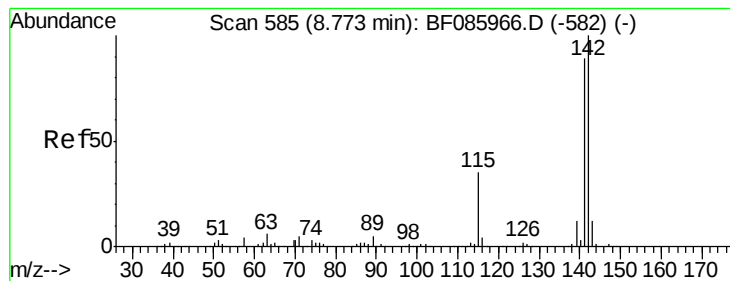
Tot Ion:113 Resp: 44585
 Ion Ratio Lower Upper
 113 100
 55 175.0 139.4 179.4
 56 133.9 100.4 140.4



#36
 4-Chloro-3-methylphenol
 Concen: 35.76 ng
 RT: 8.62 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF085974.D
 Acq: 1 Apr 2016 21:15

Tgt Ion:107 Resp: 222505
 Ion Ratio Lower Upper
 107 100
 144 23.5 19.3 28.9
 142 72.3 61.4 92.0

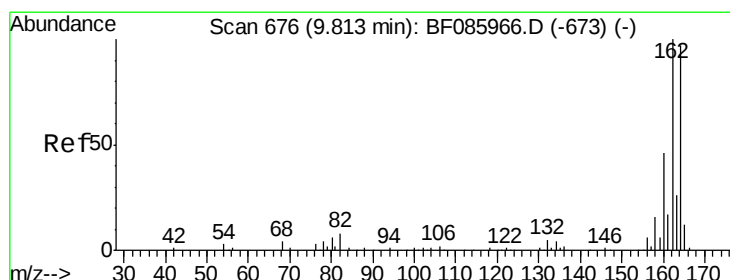
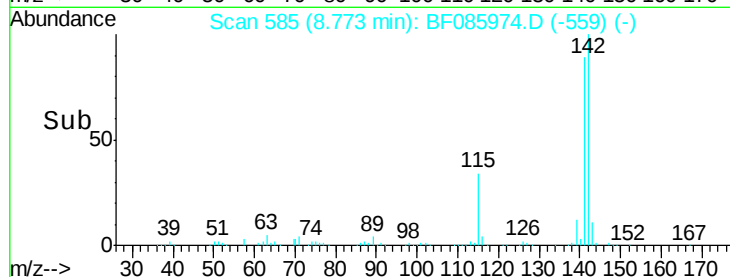
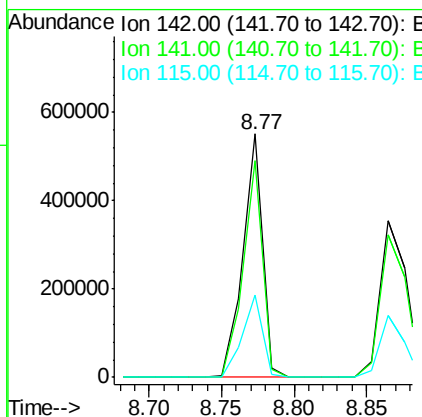
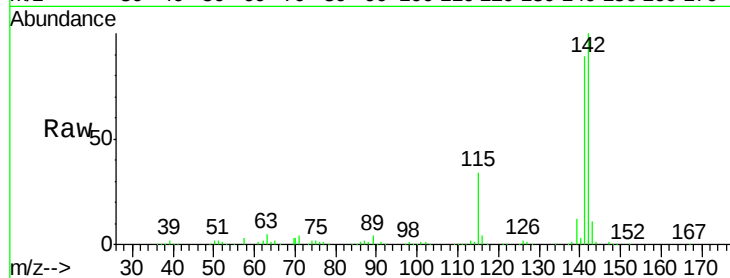




#37
2-Methylnaphthalene
Concen: 38.30 ng
RT: 8.77 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF085974.D
Acq: 1 Apr 2016 21:15

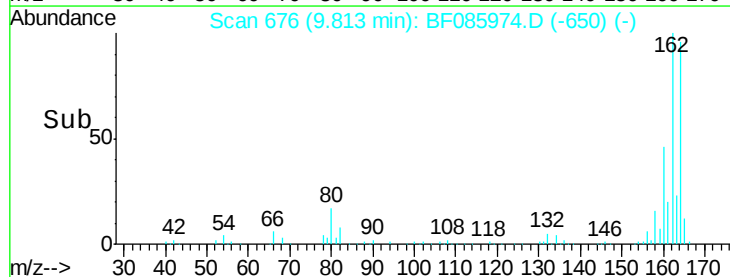
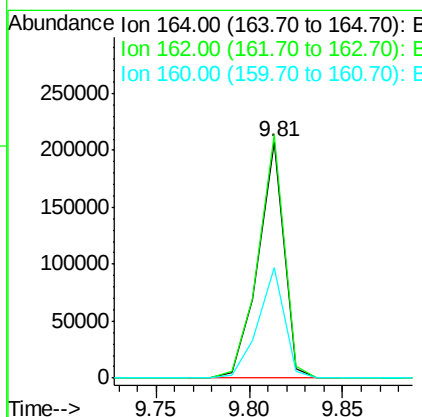
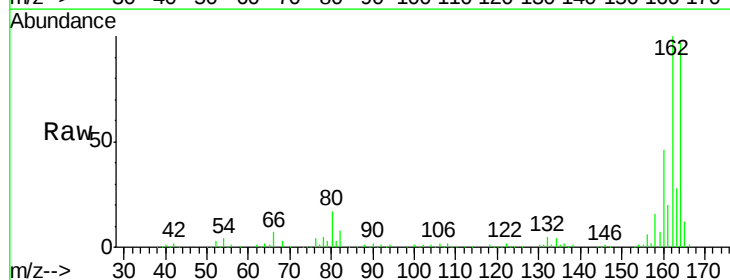
Instrument :
BNA_F
ClientSampleId :
PB89334BS

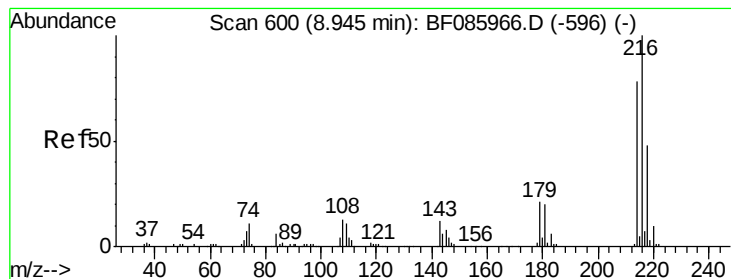
Tot Ion:142 Resp: 516923
Ion Ratio Lower Upper
142 100
141 89.2 71.6 107.4
115 33.9 26.8 40.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF085974.D
Acq: 1 Apr 2016 21:15

Tgt Ion:164 Resp: 198687
Ion Ratio Lower Upper
164 100
162 103.2 82.1 123.1
160 47.0 37.4 56.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.84 ng

RT: 8.94 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

Instrument :

BNA_F

ClientSampleID :

PB89334BS

Tot Ion:216 Resp: 196103

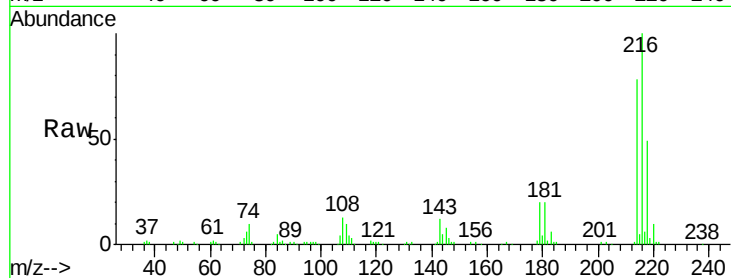
Ion Ratio Lower Upper

216 100

214 78.8 63.1 94.7

179 22.7 18.2 27.2

108 23.7 17.3 25.9

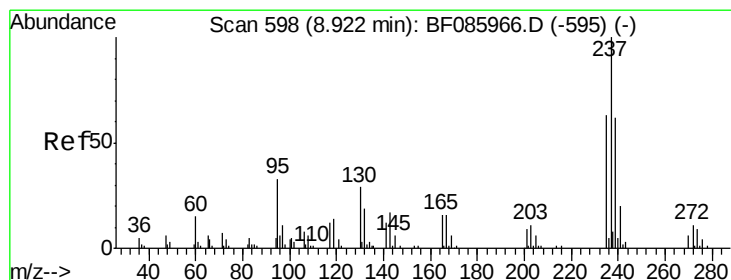
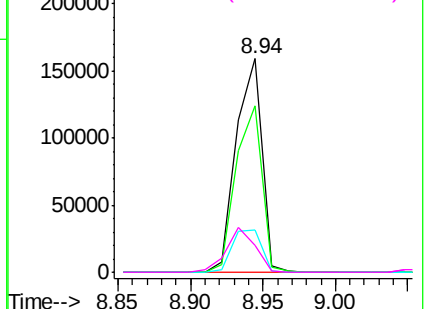
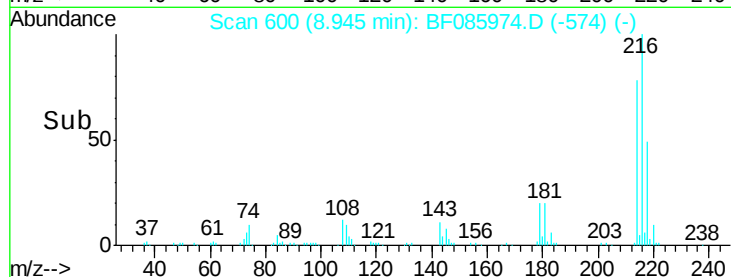


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 71.93 ng

RT: 8.92 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

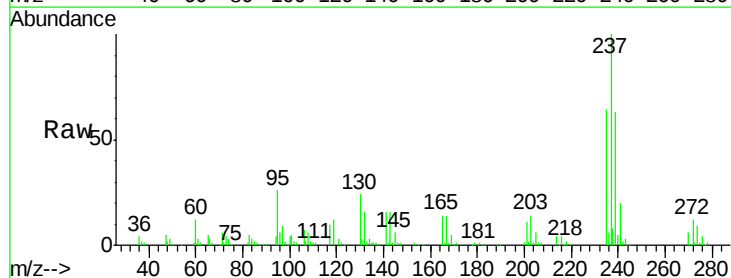
Tgt Ion:237 Resp: 148957

Ion Ratio Lower Upper

237 100

235 64.4 43.7 83.7

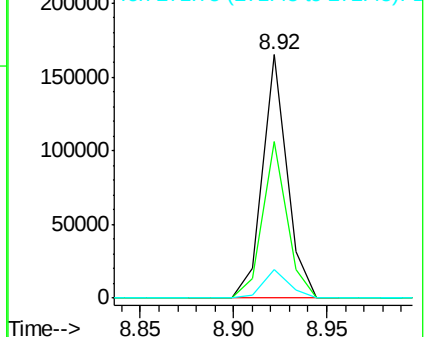
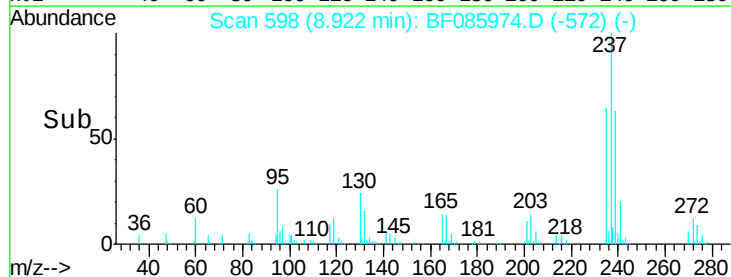
272 11.7 0.0 31.9

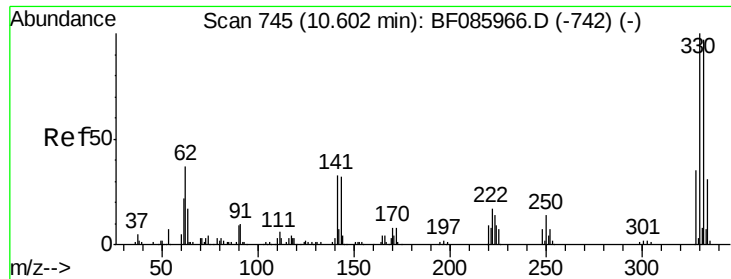


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

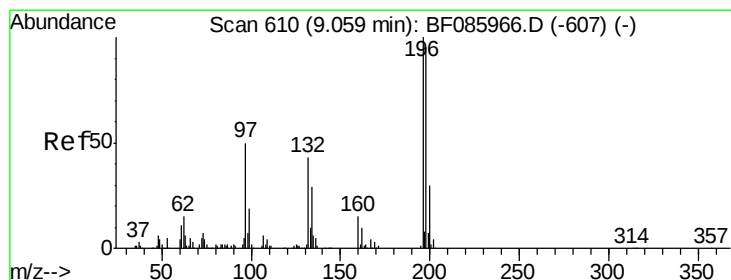
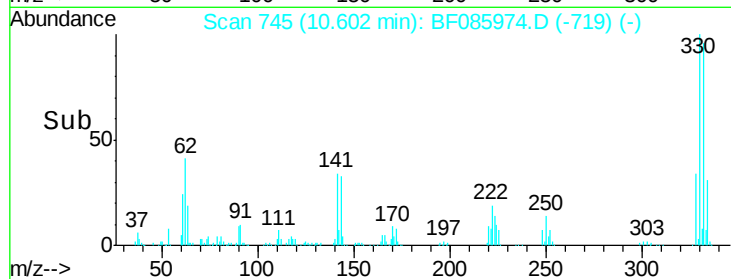
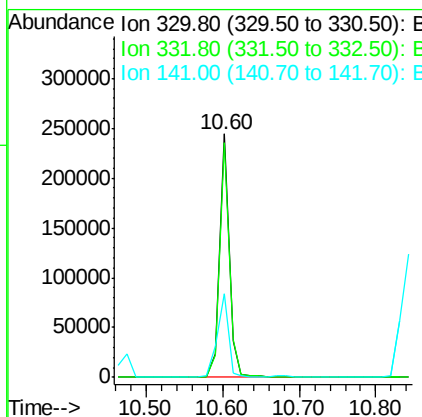
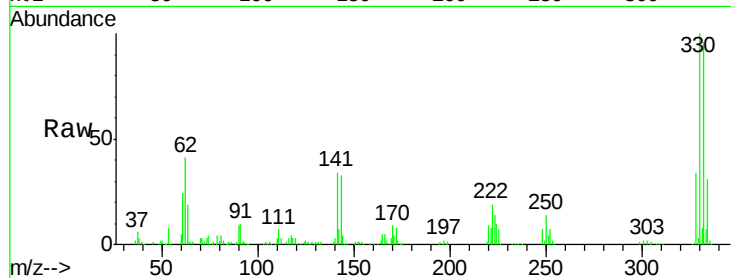




#41
 2,4,6-Tribromophenol
 Concen: 116.85 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF085974.D
 Acq: 1 Apr 2016 21:15

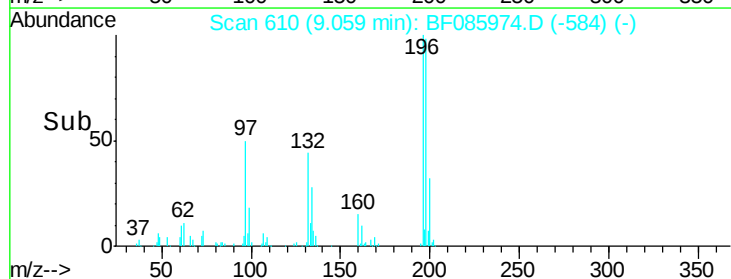
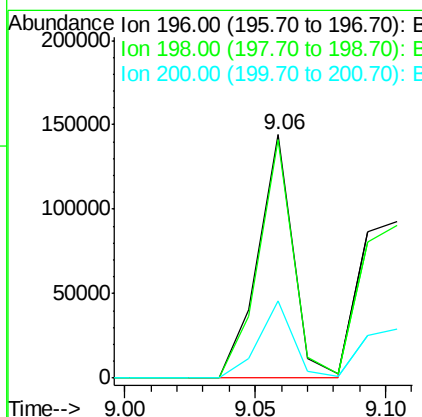
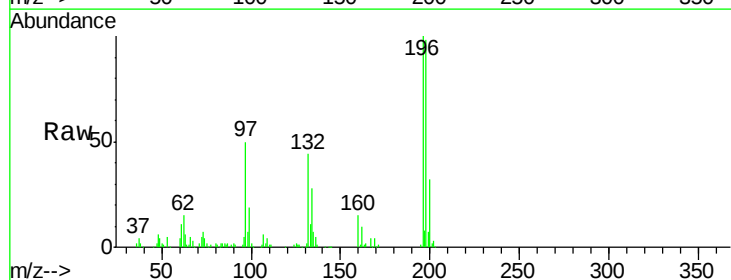
Instrument :
 BNA_F
 ClientSampleId :
 PB89334BS

Tot Ion:330 Resp: 217904
 Ion Ratio Lower Upper
 330 100
 332 96.7 78.2 117.2
 141 39.0 31.5 47.3



#42
 2,4,6-Trichlorophenol
 Concen: 35.51 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF085974.D
 Acq: 1 Apr 2016 21:15

Tgt Ion:196 Resp: 136161
 Ion Ratio Lower Upper
 196 100
 198 97.9 75.3 112.9
 200 31.7 23.7 35.5

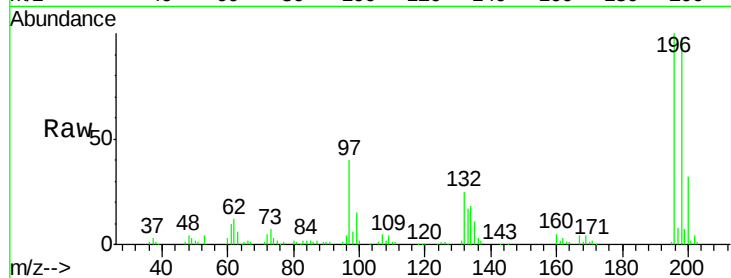




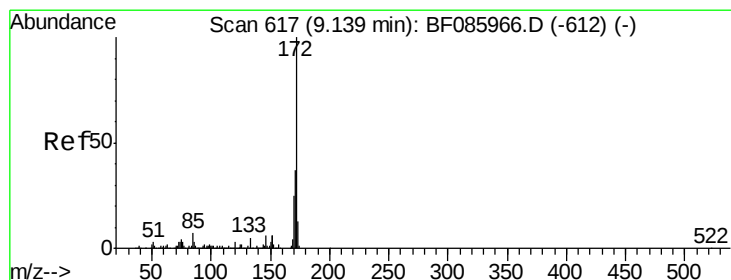
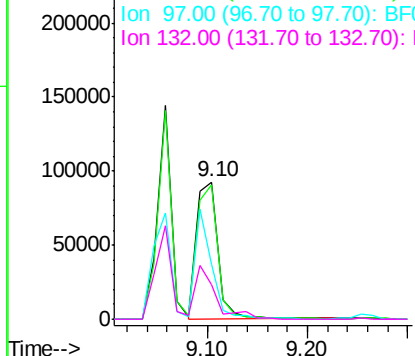
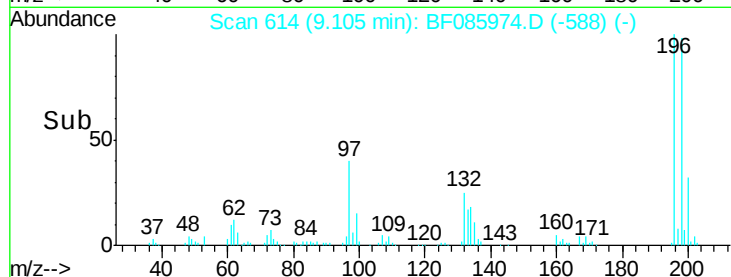
#43
 2,4,5-Trichlorophenol
 Concen: 35.40 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF085974.D
 Acq: 1 Apr 2016 21:15

Instrument :
 BNA_F
 ClientSampleId :
 PB89334BS

Tot Ion:196 Resp: 137844
 Ion Ratio Lower Upper
 196 100
 198 98.1 76.6 114.8
 97 40.4 30.5 45.7
 132 25.3 20.2 30.2

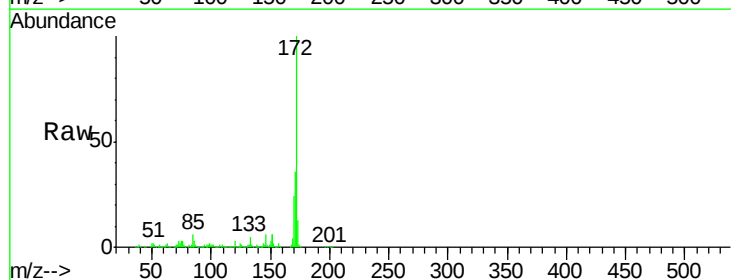


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

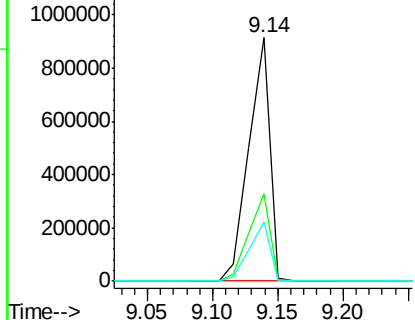
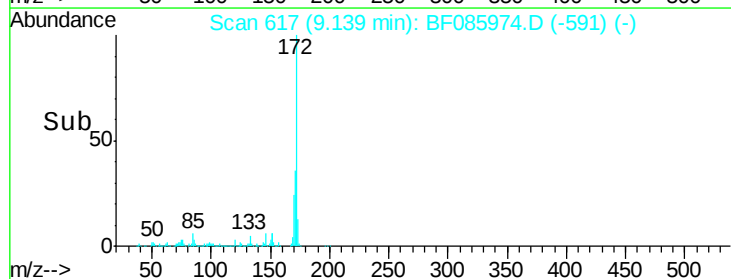


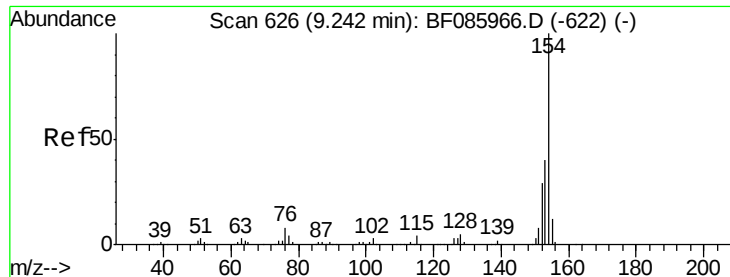
#44
 2-Fluorobiphenyl
 Concen: 85.92 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF085974.D
 Acq: 1 Apr 2016 21:15

Tgt Ion:172 Resp: 1026717
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.2
 170 24.3 19.8 29.6



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

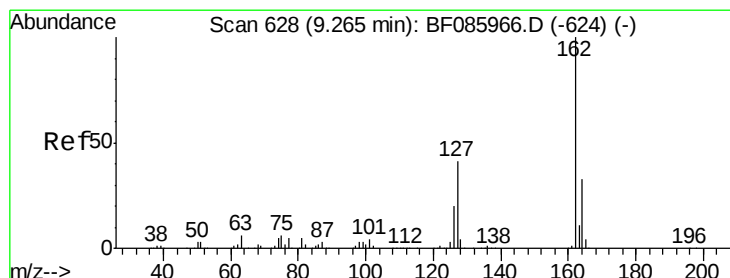
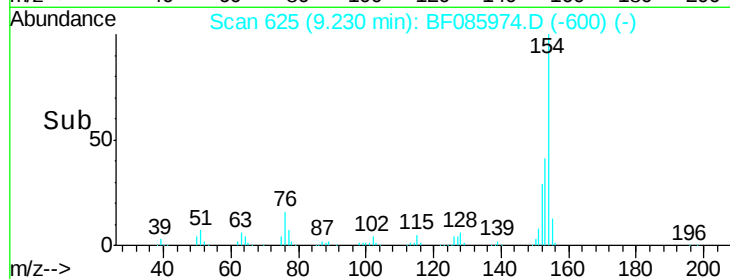
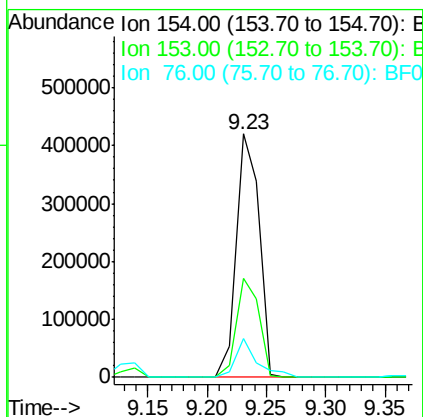
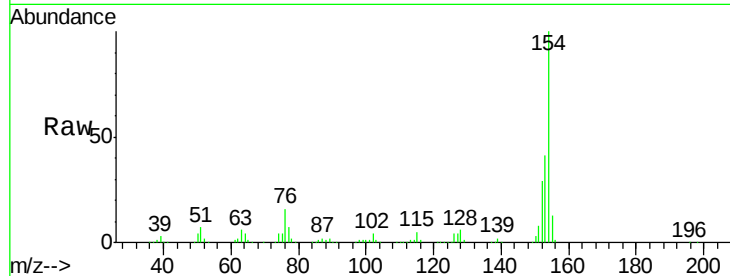




#45
 1,1'-Biphenyl
 Concen: 32.83 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF085974.D
 Acq: 1 Apr 2016 21:15

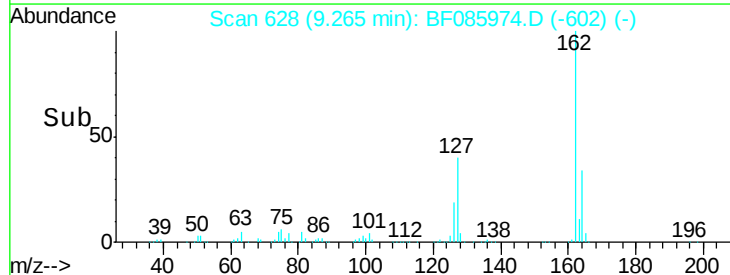
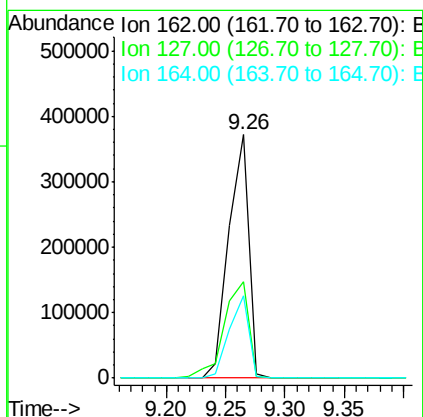
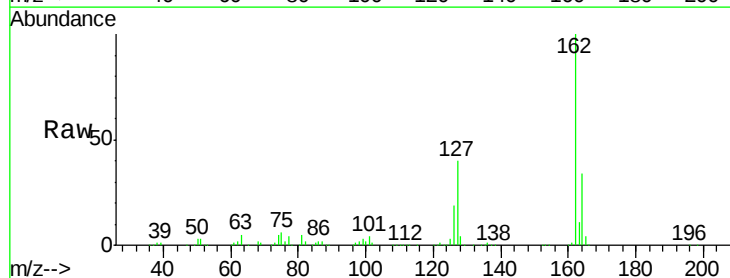
Instrument :
 BNA_F
 ClientSampled :
 PB89334BS

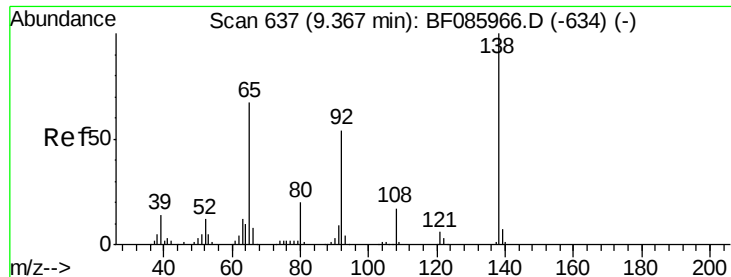
Tot Ion:154	Resp:	562516
Ion Ratio	Lower	Upper
154	100	
153	40.6	20.8 60.8
76	15.9	0.0 36.7



#46
 2-Chloronaphthalene
 Concen: 35.24 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF085974.D
 Acq: 1 Apr 2016 21:15

Tgt Ion:162	Resp:	437613
Ion Ratio	Lower	Upper
162	100	
127	39.5	31.7 47.5
164	33.8	27.3 40.9

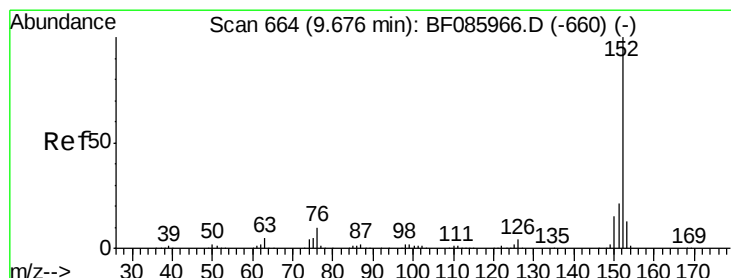
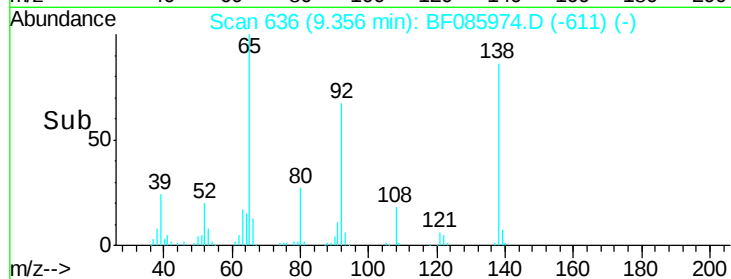
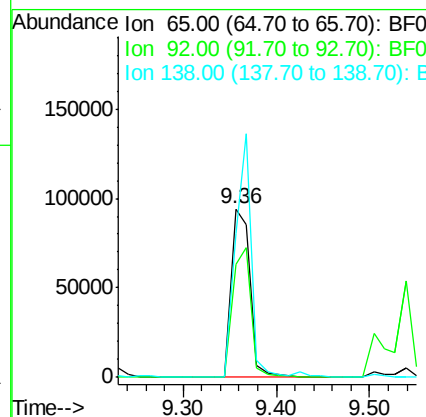
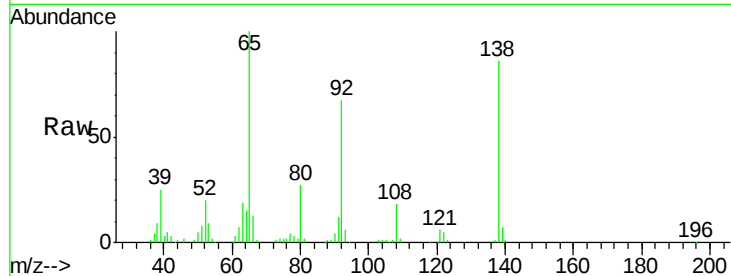




#47
 2-Nitroaniline
 Concen: 36.33 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF085974.D
 Acq: 1 Apr 2016 21:15

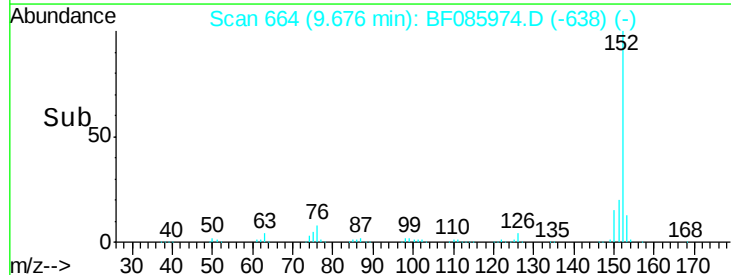
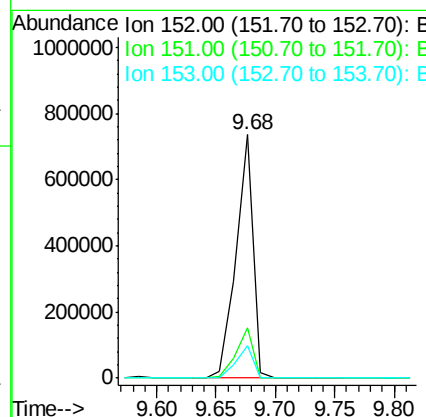
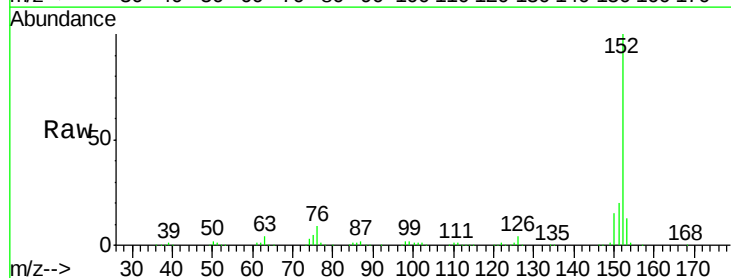
Instrument :
 BNA_F
 ClientSampleId :
 PB89334BS

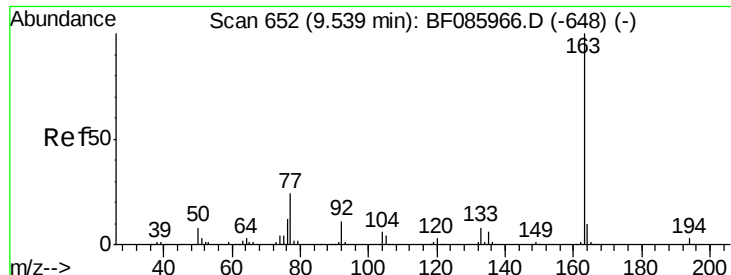
Tot Ion: 65 Resp: 132006
 Ion Ratio Lower Upper
 65 100
 92 66.9 59.7 89.5
 138 85.6 91.4 137.0#



#48
 Acenaphthylene
 Concen: 36.76 ng
 RT: 9.68 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF085974.D
 Acq: 1 Apr 2016 21:15

Tgt Ion: 152 Resp: 731282
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.8 25.2
 153 13.1 10.9 16.3

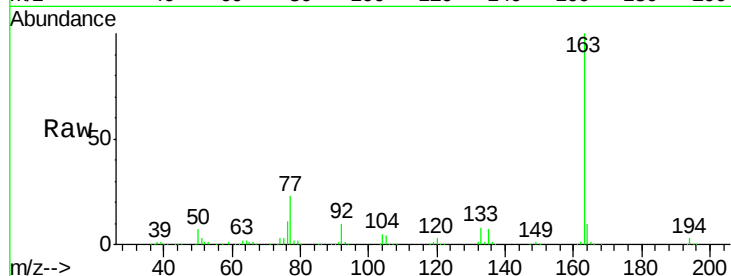




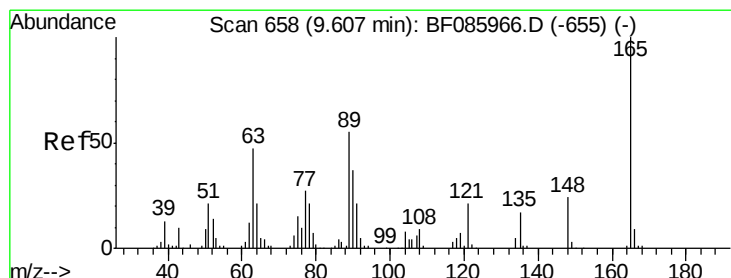
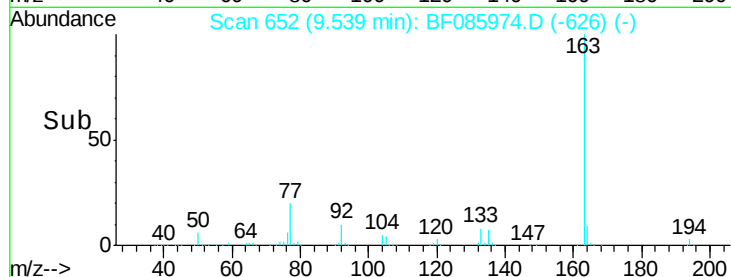
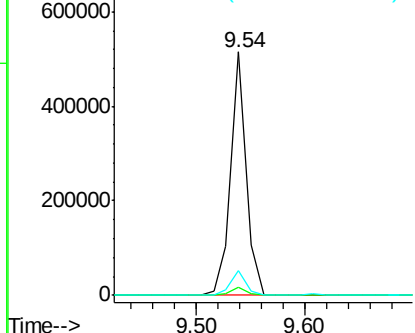
#49
Dimethylphthalate
Concen: 34.49 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF085974.D
Acq: 1 Apr 2016 21:15

Instrument :
BNA_F
ClientSampleId :
PB89334BS

Tot Ion:163 Resp: 507875
Ion Ratio Lower Upper
163 100
194 3.4 2.9 4.3
164 10.4 8.3 12.5

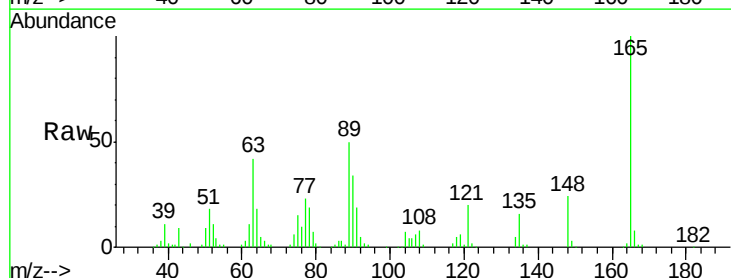


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

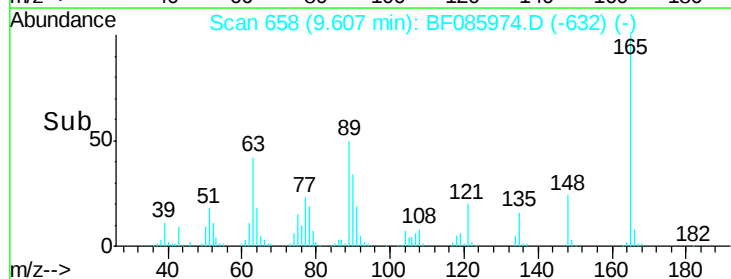
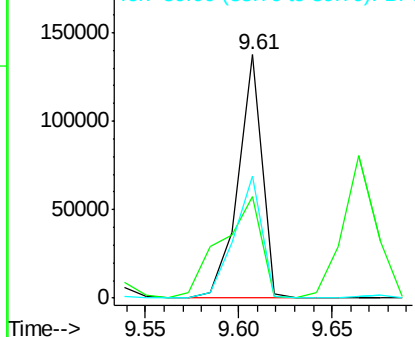


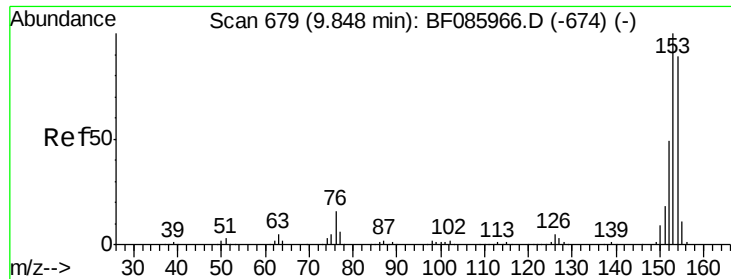
#50
2,6-Dinitrotoluene
Concen: 39.76 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF085974.D
Acq: 1 Apr 2016 21:15

Tgt Ion:165 Resp: 123889
Ion Ratio Lower Upper
165 100
63 41.6 51.8 77.8#
89 49.9 53.7 80.5#



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

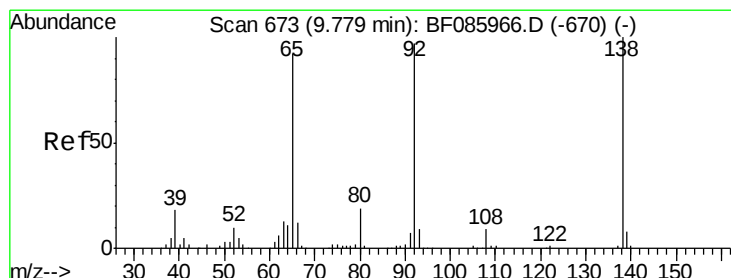
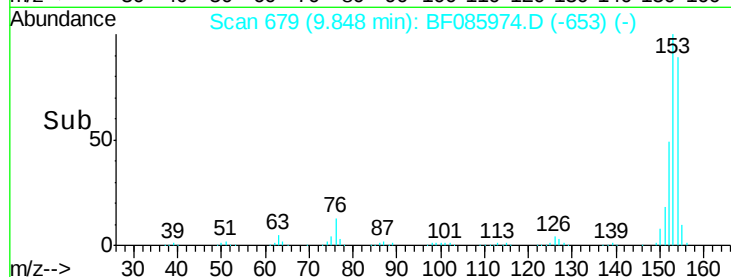
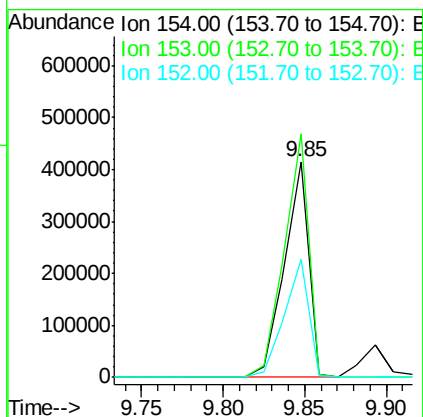
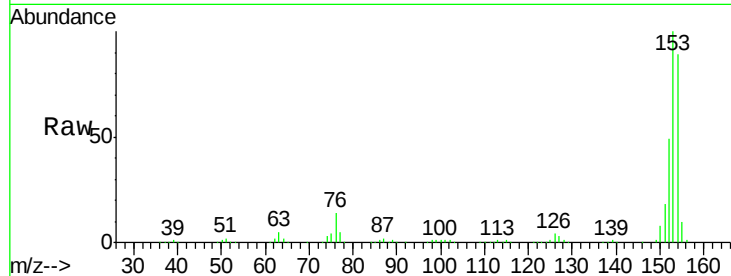




#51
Acenaphthene
Concen: 36.58 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF085974.D
Acq: 1 Apr 2016 21:15

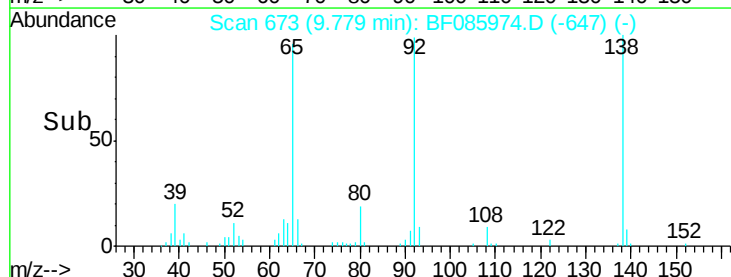
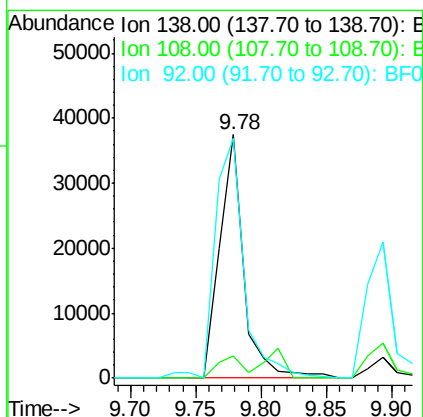
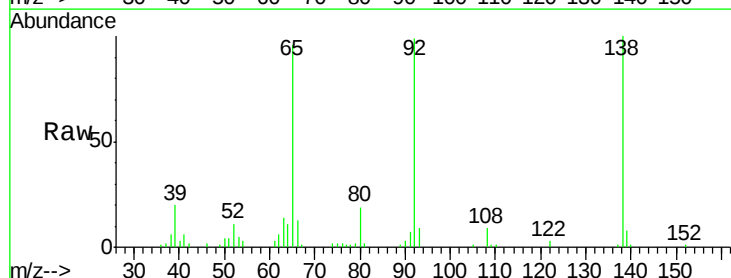
Instrument :
BNA_F
ClientSampleId :
PB89334BS

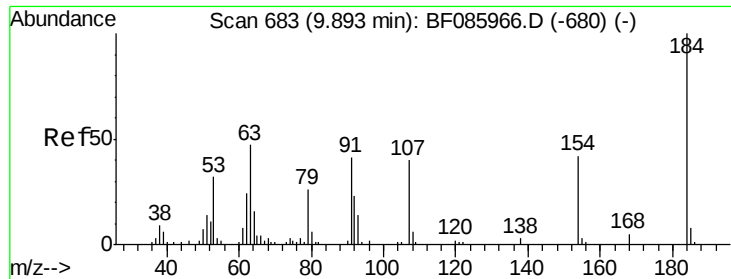
Tot Ion:154 Resp: 432752
Ion Ratio Lower Upper
154 100
153 112.8 90.1 135.1
152 55.0 44.2 66.2



#52
3-Nitroaniline
Concen: 12.88 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF085974.D
Acq: 1 Apr 2016 21:15

Tgt Ion:138 Resp: 48380
Ion Ratio Lower Upper
138 100
108 9.3 8.7 13.1
92 98.7 93.3 139.9

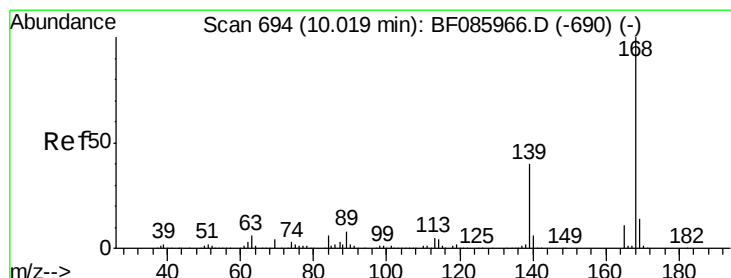
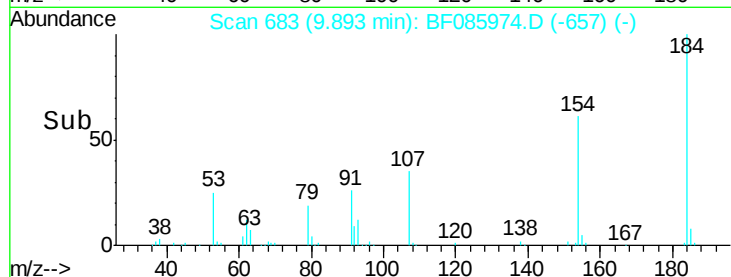
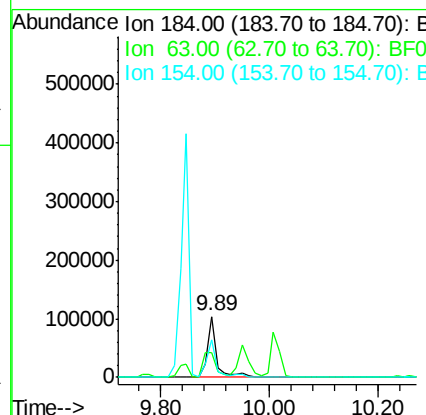
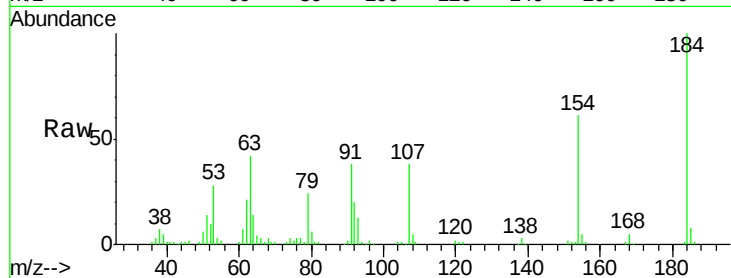




#53
2,4-Dinitrophenol
Concen: 64.58 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF085974.D
Acq: 1 Apr 2016 21:15

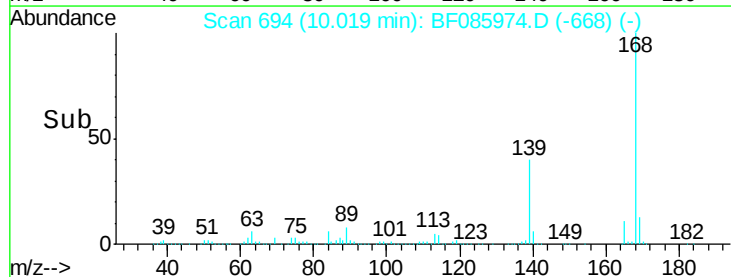
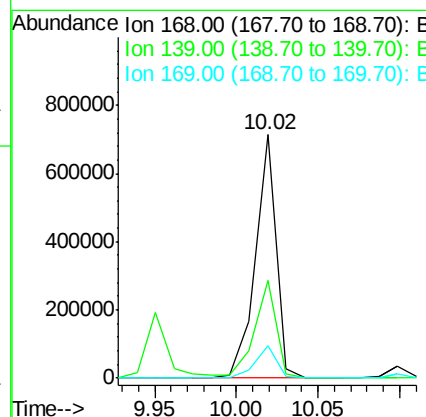
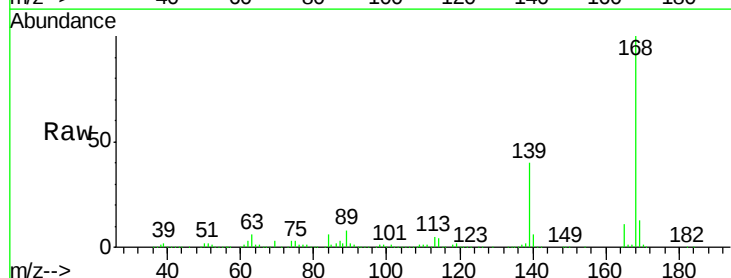
Instrument :
BNA_F
ClientSampleId :
PB89334BS

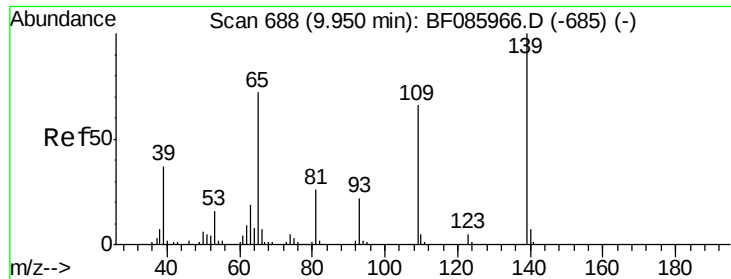
Tot Ion:184 Resp: 124553
Ion Ratio Lower Upper
184 100
63 41.7 69.5 104.3#
154 61.4 58.3 87.5



#54
Dibenzofuran
Concen: 40.28 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF085974.D
Acq: 1 Apr 2016 21:15

Tgt Ion:168 Resp: 629395
Ion Ratio Lower Upper
168 100
139 40.1 31.9 47.9
169 13.5 11.0 16.6

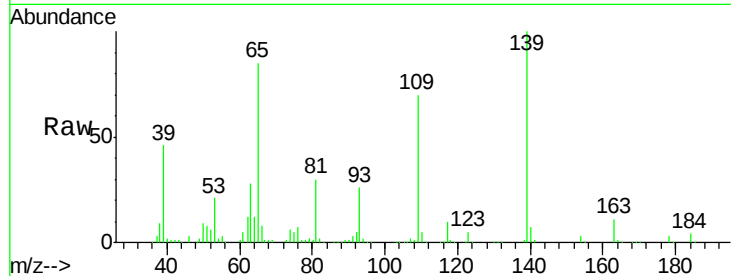




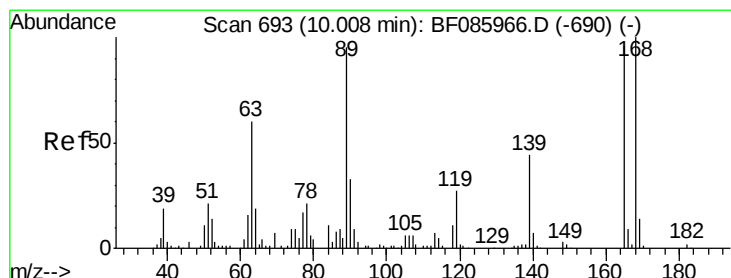
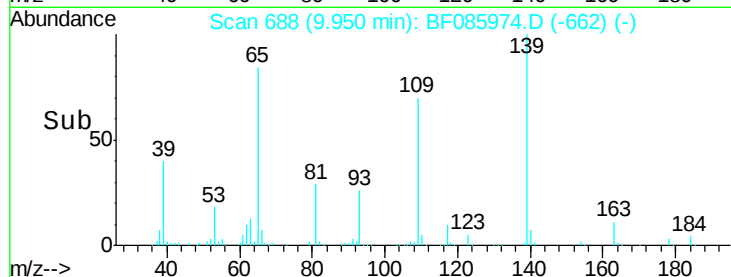
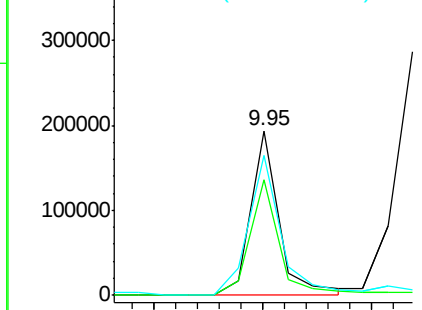
#55
4-Nitrophenol
Concen: 79.19 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF085974.D
Acq: 1 Apr 2016 21:15

Instrument :
BNA_F
ClientSampleId :
PB89334BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	70.0	49.2	89.2
65	84.7	66.9	106.9



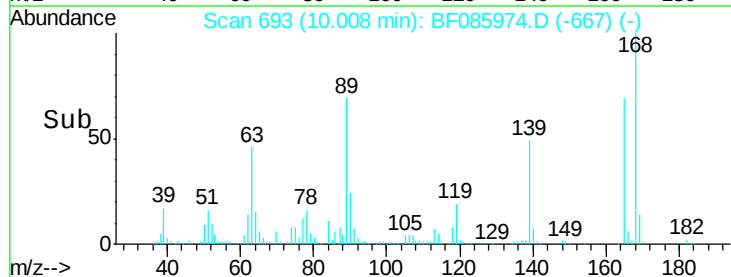
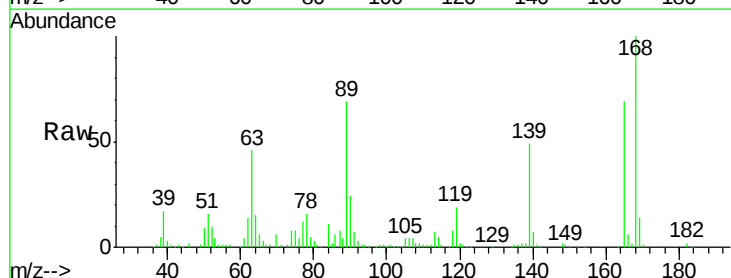
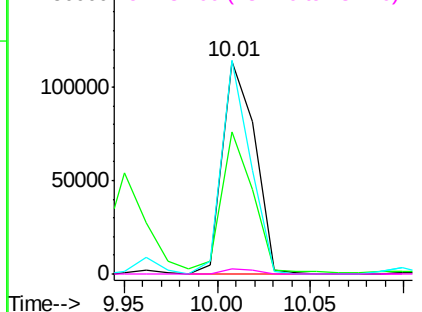
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

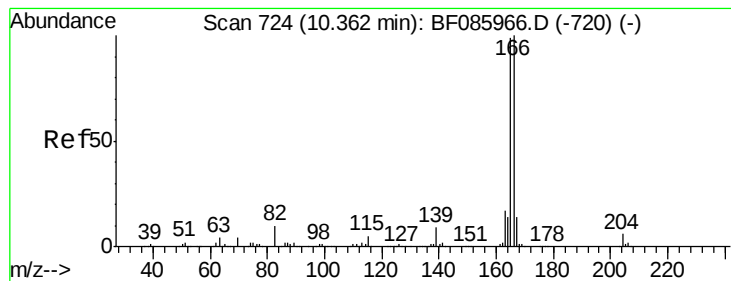


#56
2,4-Dinitrotoluene
Concen: 35.29 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF085974.D
Acq: 1 Apr 2016 21:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	67.1	24.9	37.3#
89	100.6	41.0	61.6#
182	2.3	2.1	3.1

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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.12 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

Instrument :

BNA_F

ClientSampleId :

PB89334BS

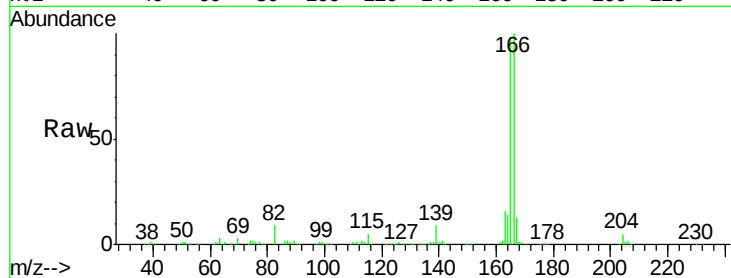
Tot Ion:166 Resp: 508847

Ion Ratio Lower Upper

166 100

165 98.0 79.4 119.0

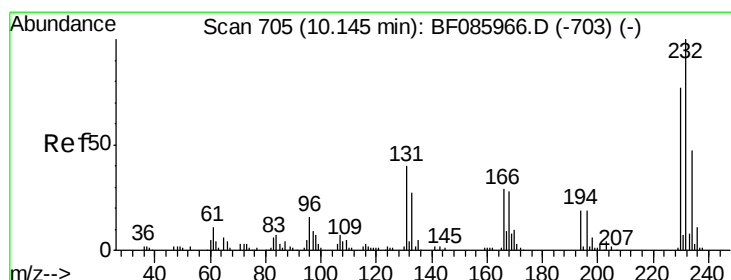
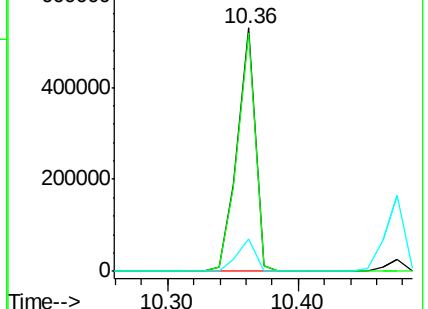
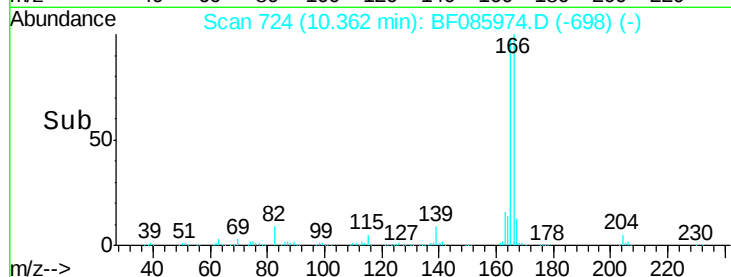
167 13.2 11.0 16.4



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: 39.02 ng

RT: 10.14 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

Tgt Ion:232 Resp: 113123

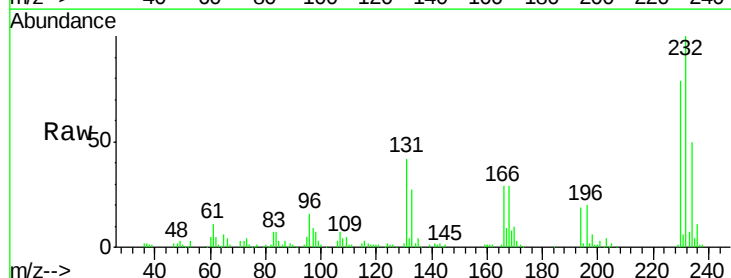
Ion Ratio Lower Upper

232 100

131 55.5 44.9 67.3

130 2.8 2.3 3.5

166 32.8 28.1 42.1

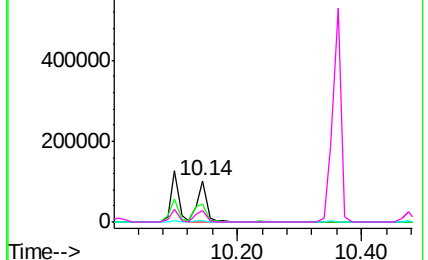
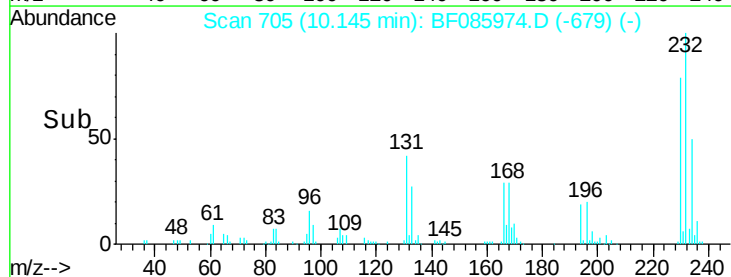


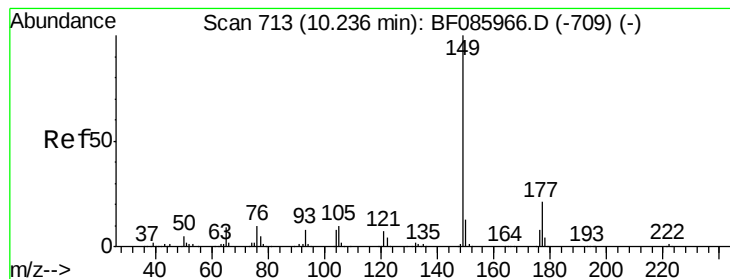
Abundance Ion 232.00 (231.70 to 232.70): E

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: 33.65 ng

RT: 10.24 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

Instrument :

BNA_F

ClientSampleId :

PB89334BS

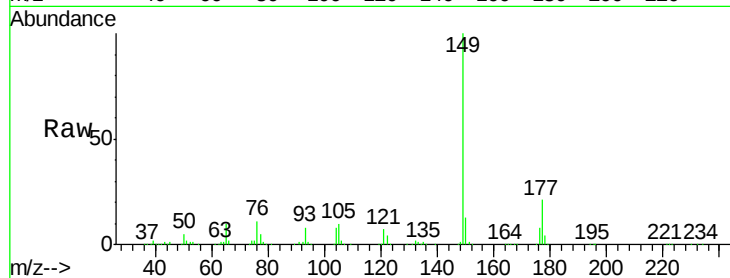
Tot Ion:149 Resp: 500189

Ion Ratio Lower Upper

149 100

177 20.9 17.9 26.9

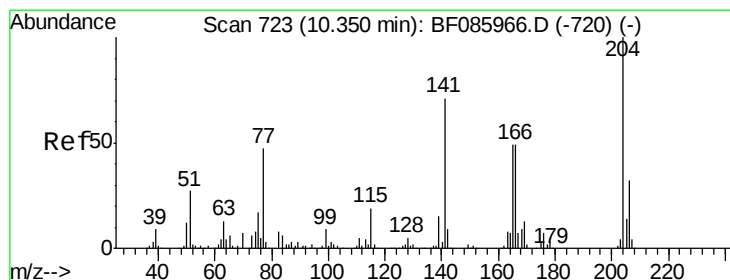
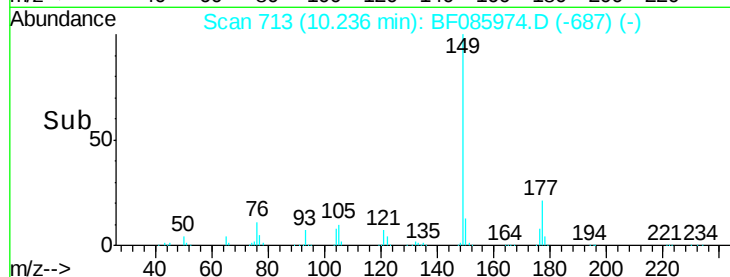
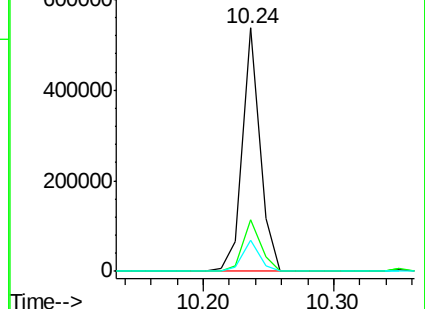
150 12.8 10.2 15.2



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: 37.33 ng

RT: 10.35 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

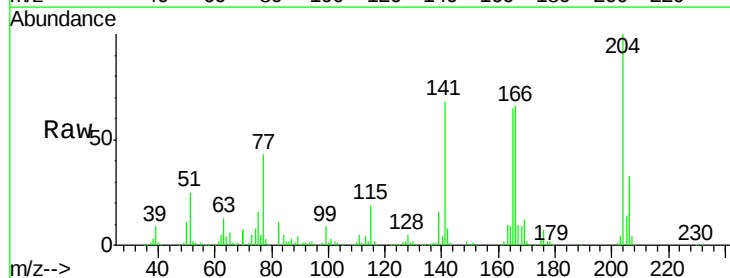
Tgt Ion:204 Resp: 232089

Ion Ratio Lower Upper

204 100

206 32.8 26.6 39.8

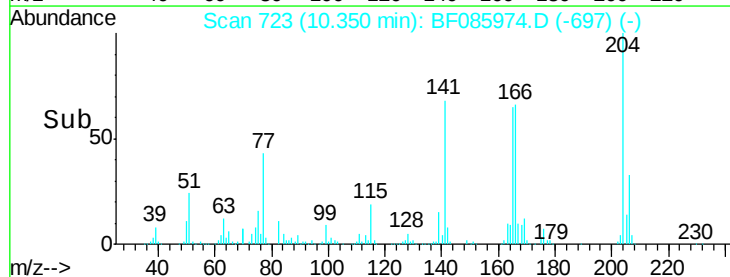
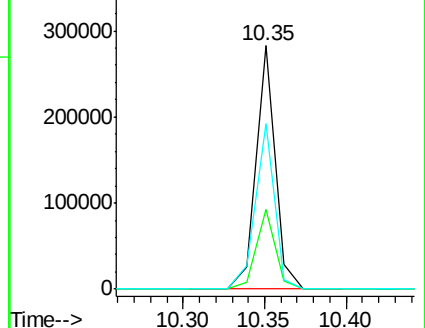
141 67.9 57.4 86.0

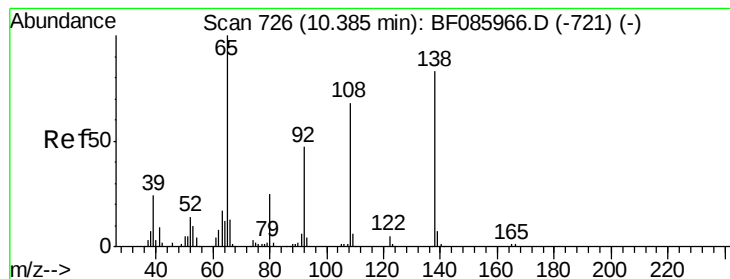


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 31.79 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

Instrument :

BNA_F

ClientSampleId :

PB89334BS

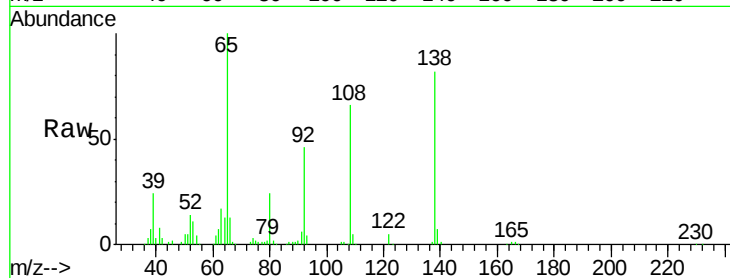
Tot Ion:138 Resp: 117579

Ion Ratio Lower Upper

138 100

92 56.4 26.4 66.4

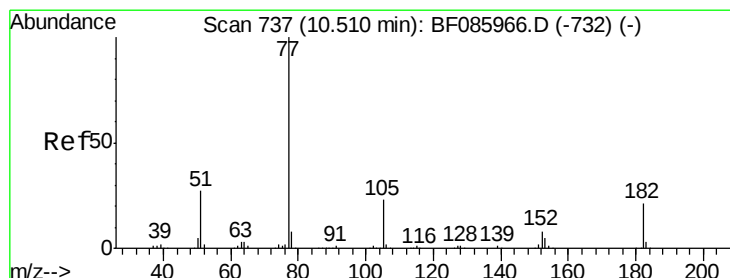
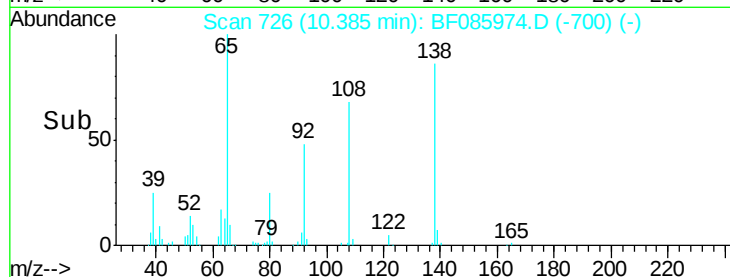
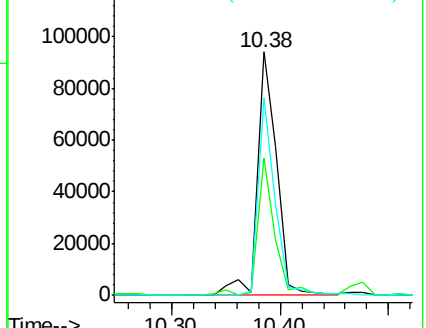
108 81.1 49.0 89.0



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: 40.23 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

Tgt Ion: 77 Resp: 572702

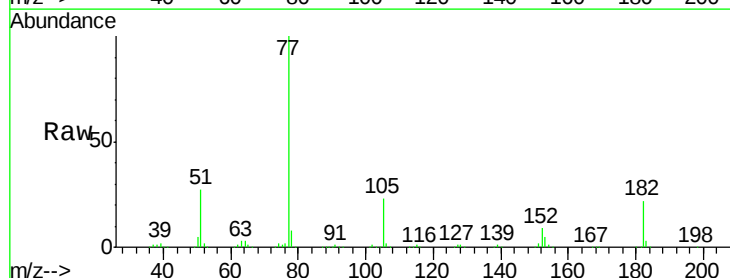
Ion Ratio Lower Upper

77 100

182 21.8 1.9 41.9

105 23.3 3.5 43.5

51 26.7 6.3 46.3

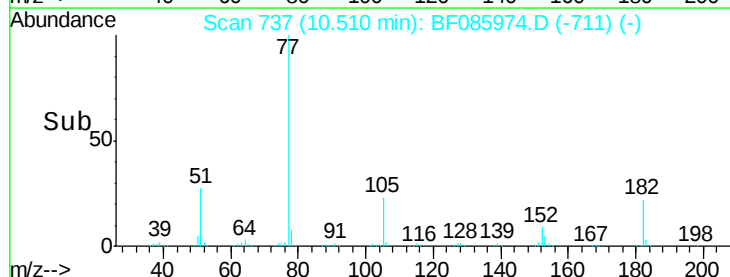
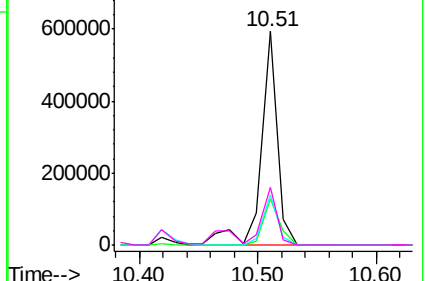


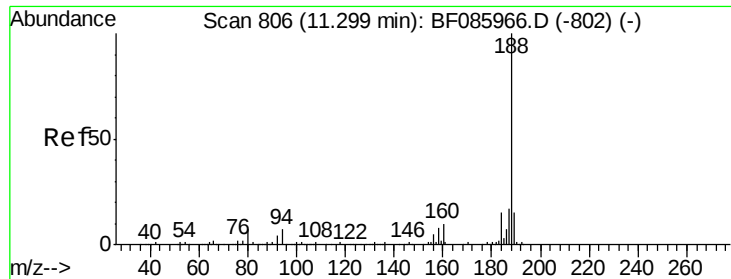
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

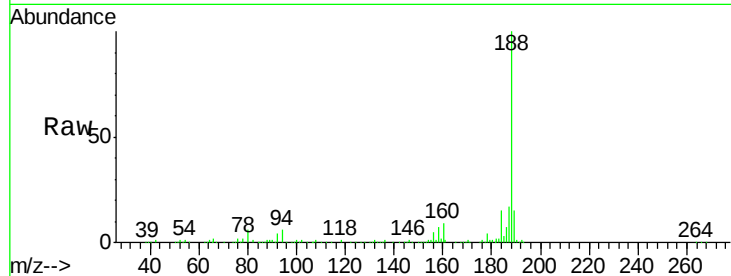




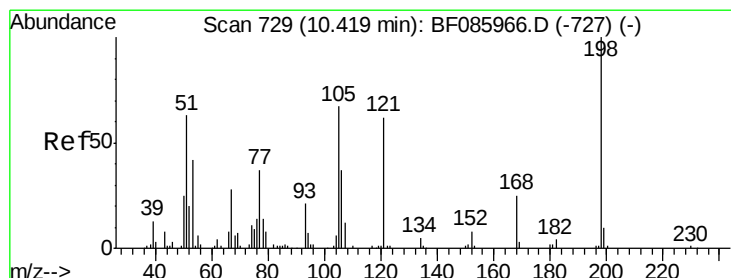
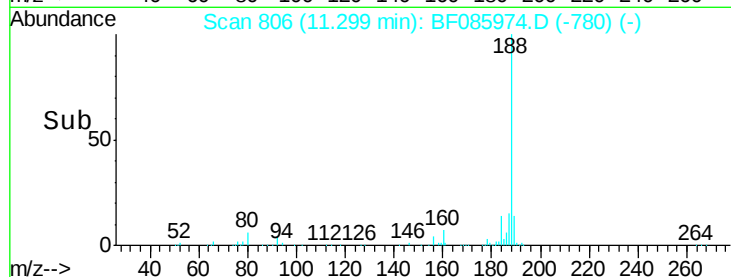
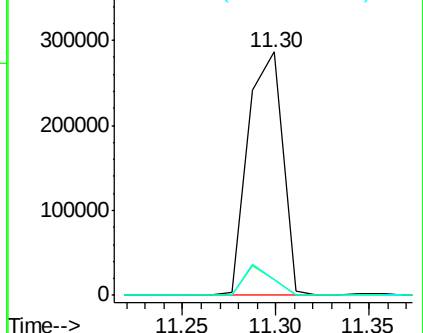
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF085974.D
Acq: 1 Apr 2016 21:15

Instrument :
BNA_F
ClientSampleId :
PB89334BS

Tot Ion:188 Resp: 369175
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.0
80 6.3 5.5 8.3

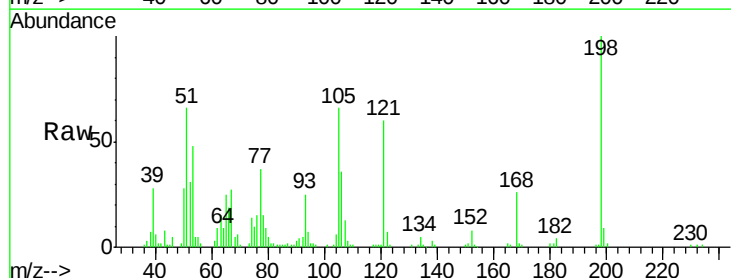


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

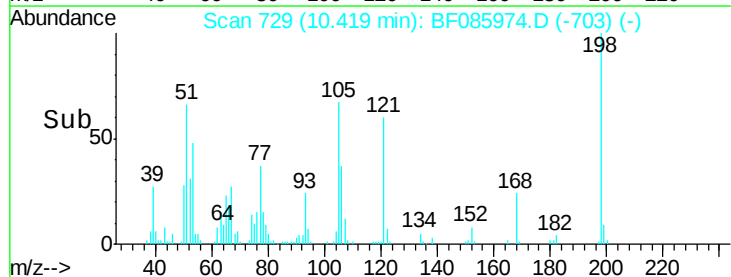
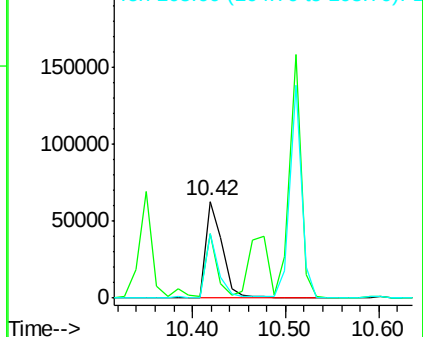


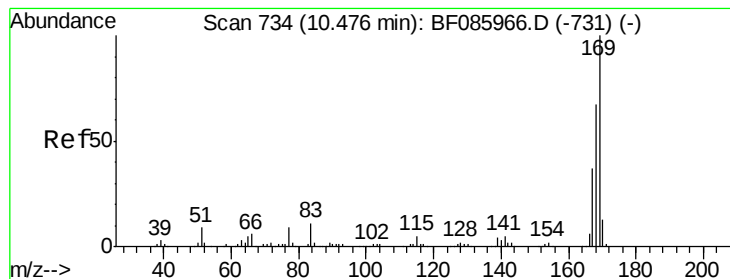
#64
4,6-Dinitro-2-methylphenol
Concen: 35.57 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF085974.D
Acq: 1 Apr 2016 21:15

Tgt Ion:198 Resp: 79571
Ion Ratio Lower Upper
198 100
51 66.1 45.4 85.4
105 66.4 45.9 85.9



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: 39.39 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

Instrument :

BNA_F

ClientSampleId :

PB89334BS

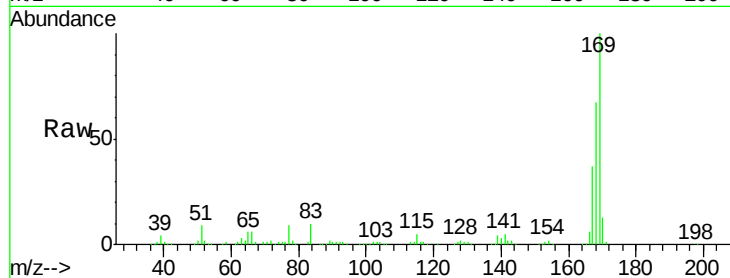
Tot Ion:169 Resp: 454779

Ion Ratio Lower Upper

169 100

168 67.4 54.4 81.6

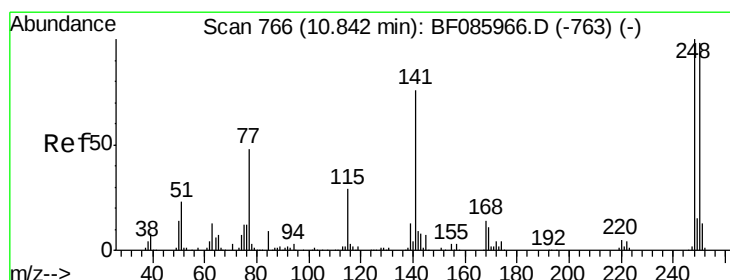
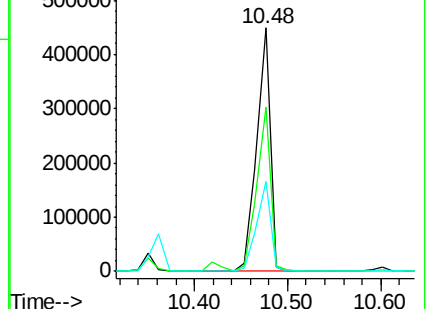
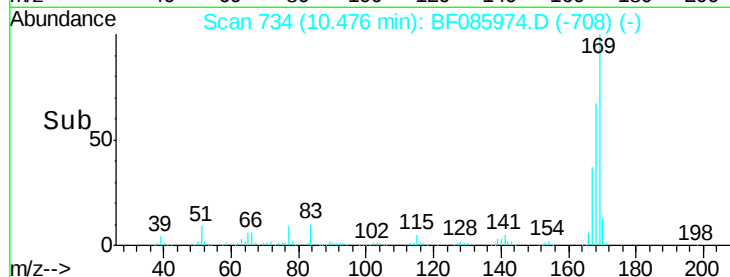
167 36.8 29.4 44.0



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: 38.52 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

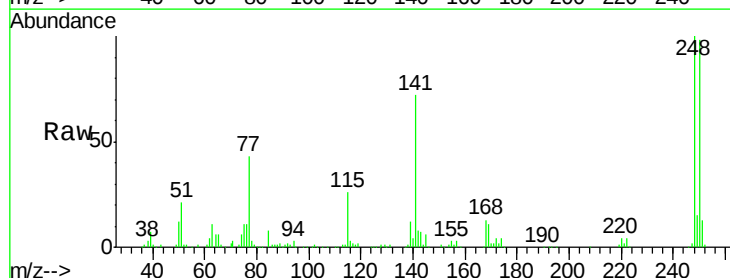
Tgt Ion:248 Resp: 145192

Ion Ratio Lower Upper

248 100

250 97.5 77.4 116.0

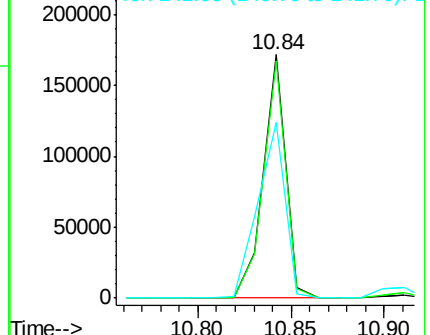
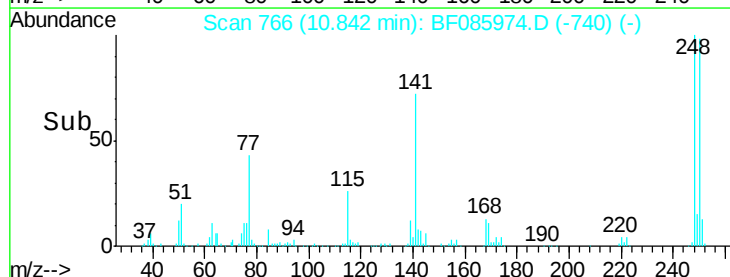
141 72.4 63.6 95.4

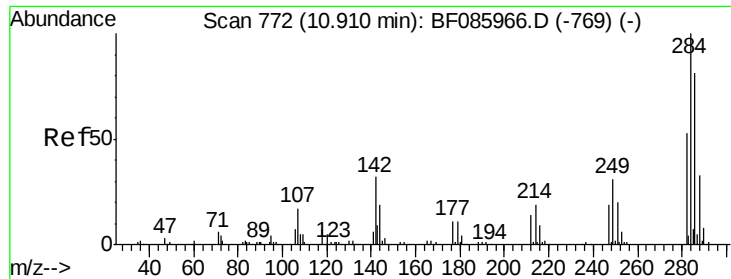


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

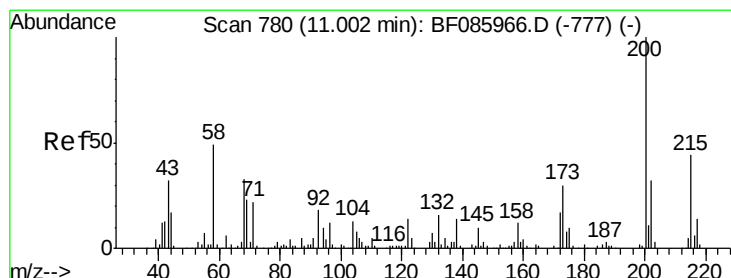
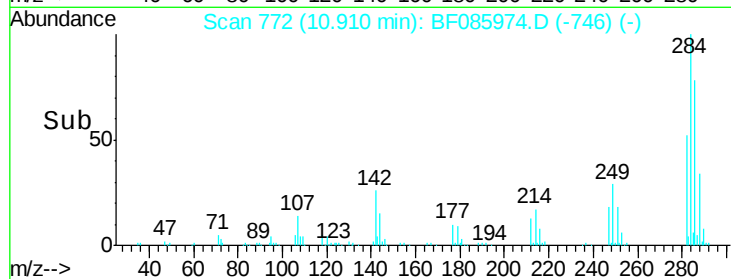
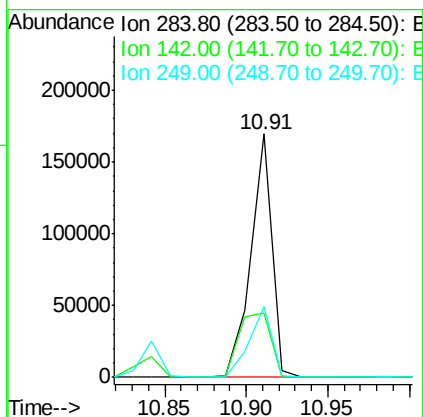
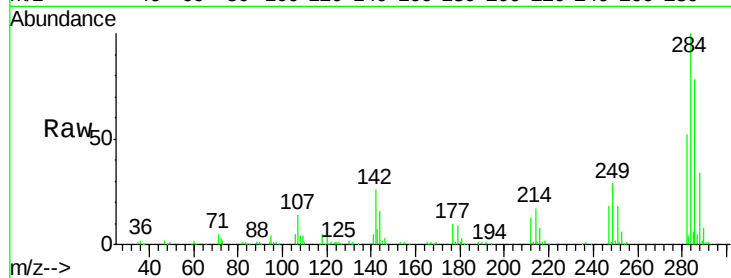




#67
Hexachlorobenzene
Concen: 39.21 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF085974.D
Acq: 1 Apr 2016 21:15

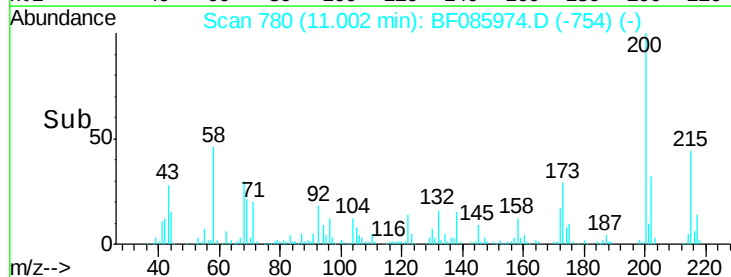
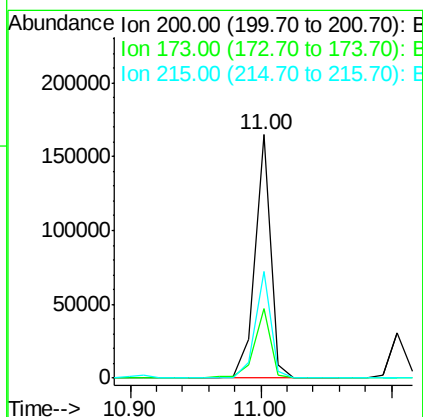
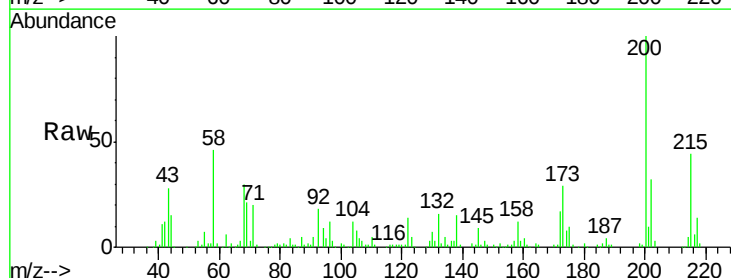
Instrument :
BNA_F
ClientSampleId :
PB89334BS

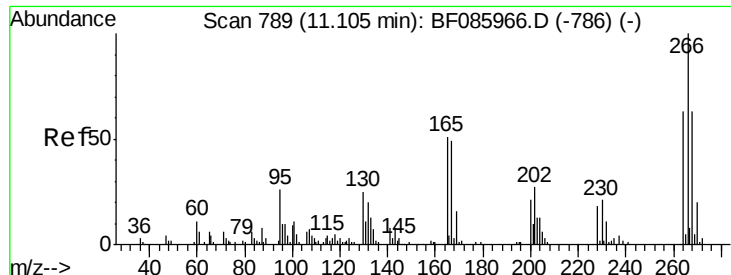
Tot Ion:284 Resp: 152813
Ion Ratio Lower Upper
284 100
142 26.4 23.1 34.7
249 29.3 24.2 36.2



#68
Atrazine
Concen: 37.21 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF085974.D
Acq: 1 Apr 2016 21:15

Tgt Ion:200 Resp: 138794
Ion Ratio Lower Upper
200 100
173 28.6 7.7 47.7
215 43.8 25.4 65.4

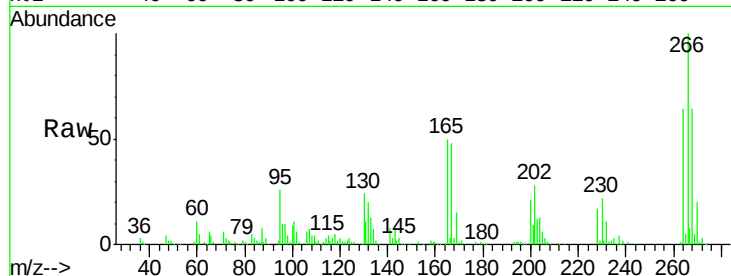




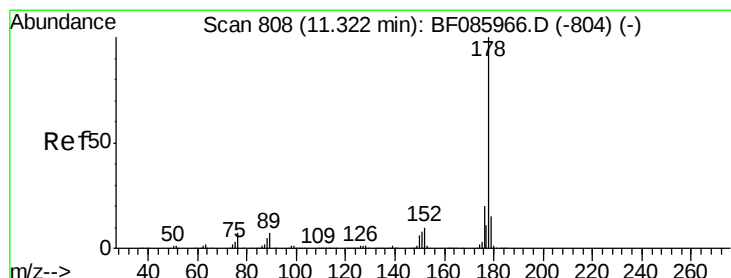
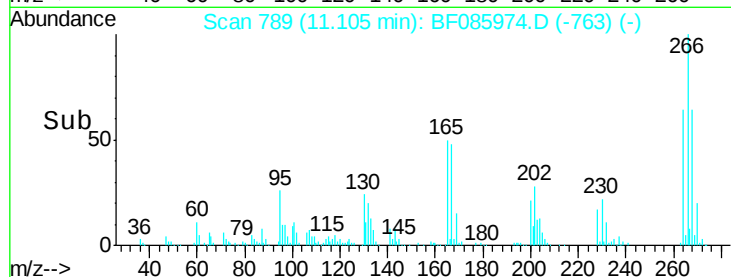
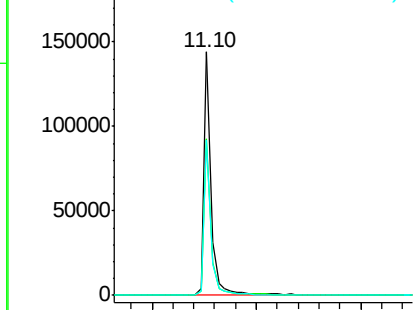
#69
 Pentachlorophenol
 Concen: 77.61 ng
 RT: 11.10 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF085974.D
 Acq: 1 Apr 2016 21:15

Instrument :
 BNA_F
 ClientSampleId :
 PB89334BS

Tot Ion:266 Resp: 141762
 Ion Ratio Lower Upper
 266 100
 268 64.4 51.5 77.3
 264 63.9 50.6 76.0

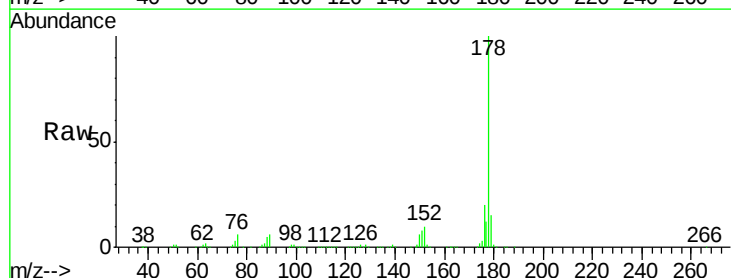


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

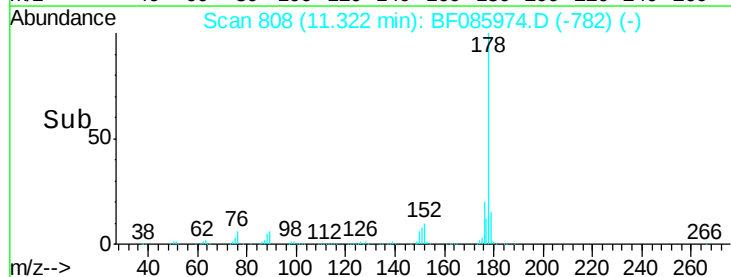
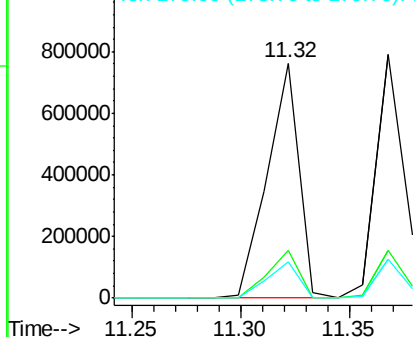


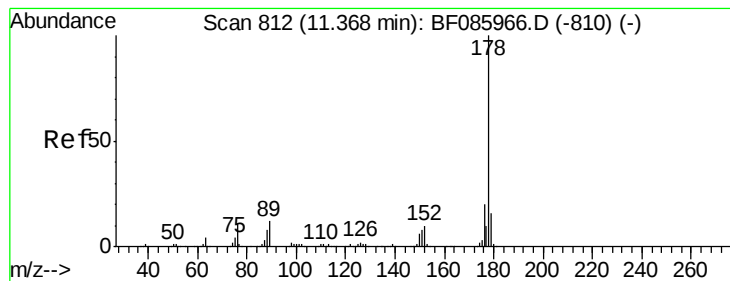
#70
 Phenanthrene
 Concen: 38.74 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF085974.D
 Acq: 1 Apr 2016 21:15

Tgt Ion:178 Resp: 780201
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.3 24.5
 179 15.5 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: 34.37 ng

RT: 11.37 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

Instrument :

BNA_F

ClientSampleId :

PB89334BS

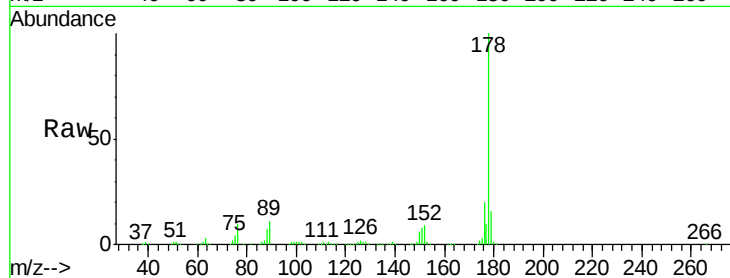
Tot Ion:178 Resp: 725230

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

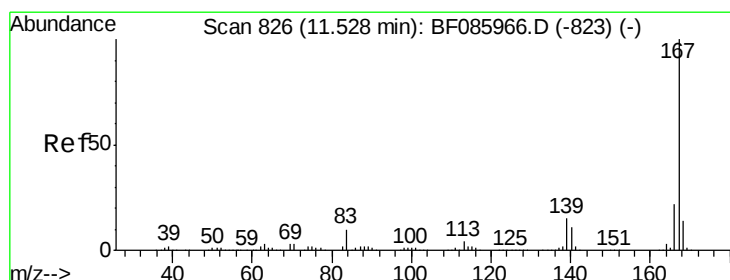
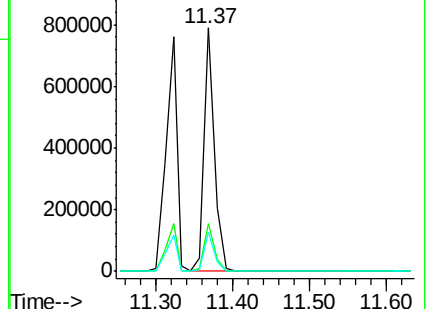
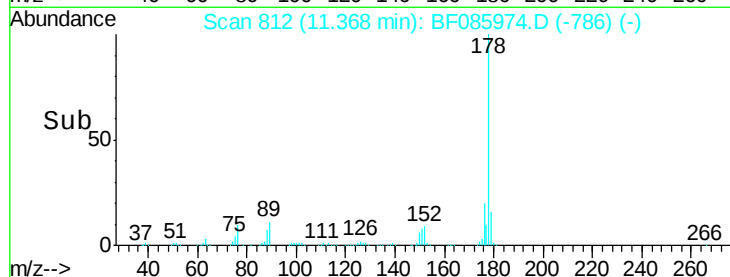
179 15.9 13.0 19.4



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: 36.95 ng

RT: 11.53 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

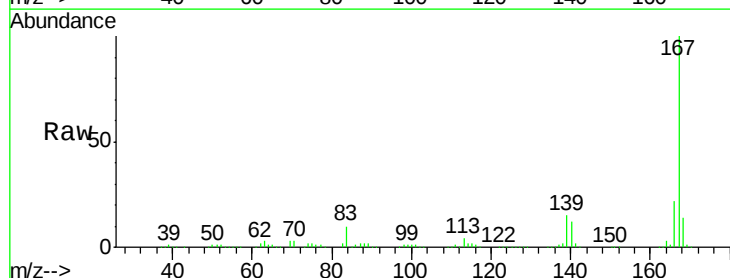
Tgt Ion:167 Resp: 670047

Ion Ratio Lower Upper

167 100

166 22.2 17.8 26.8

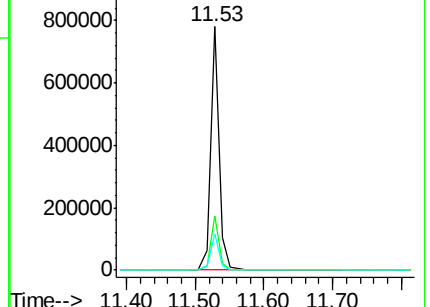
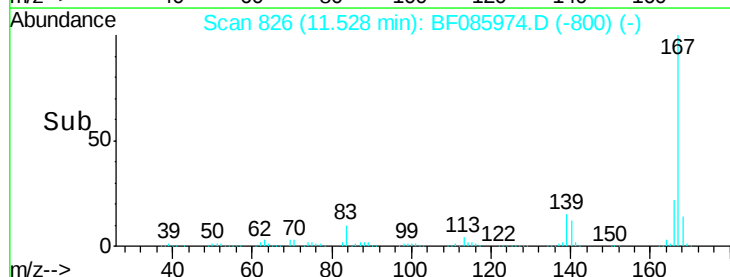
139 15.1 11.6 17.4

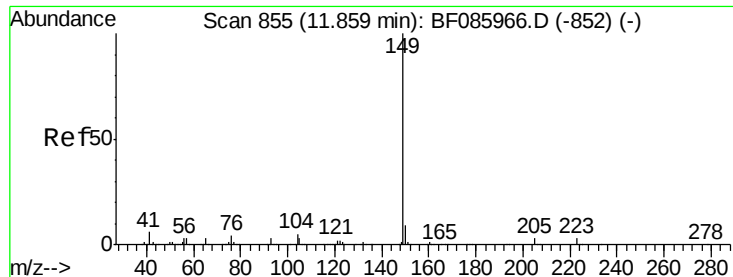


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.91 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

Instrument :

BNA_F

ClientSampleId :

PB89334BS

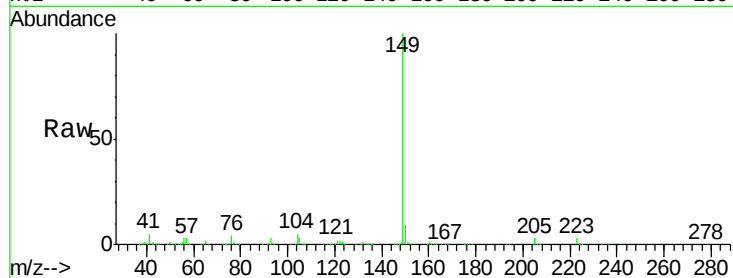
Tot Ion:149 Resp: 874275

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

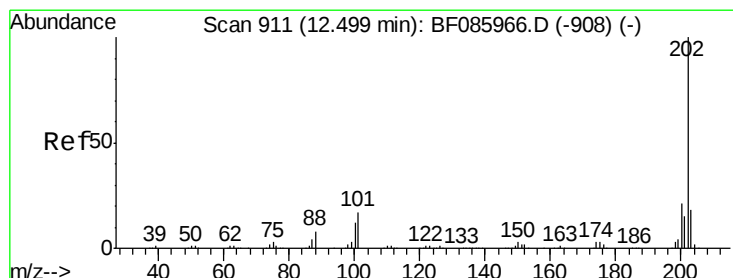
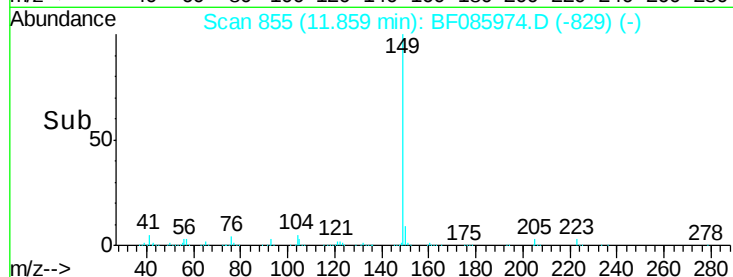
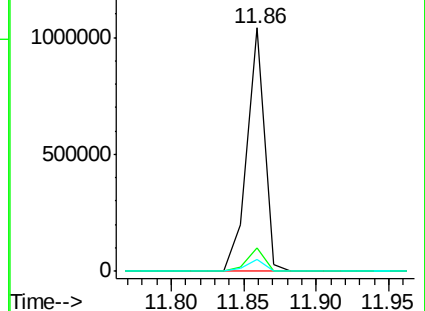
104 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.08 ng

RT: 12.50 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

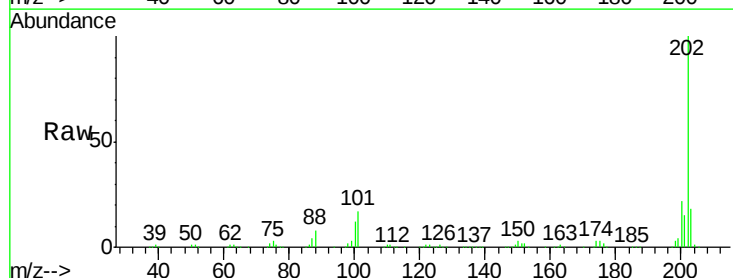
Tgt Ion:202 Resp: 734913

Ion Ratio Lower Upper

202 100

101 16.6 0.0 36.6

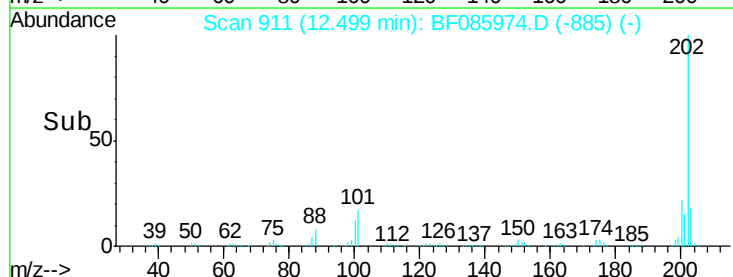
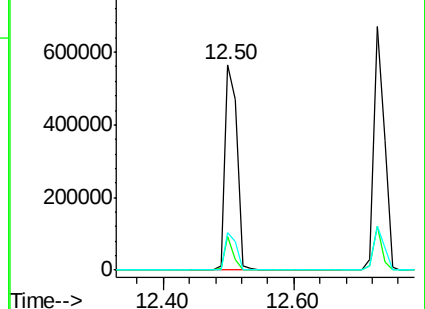
203 18.0 0.0 38.1

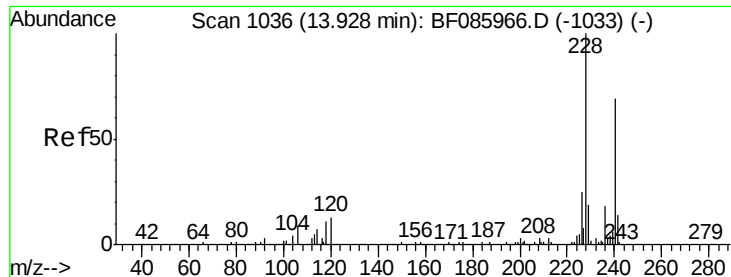


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

Instrument :

BNA_F

ClientSampleId :

PB89334BS

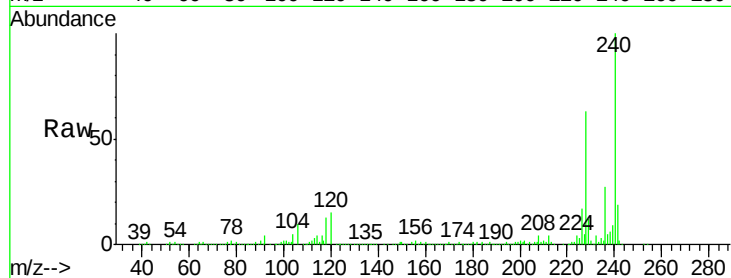
Tot Ion:240 Resp: 321203

Ion Ratio Lower Upper

240 100

120 14.6 13.8 20.8

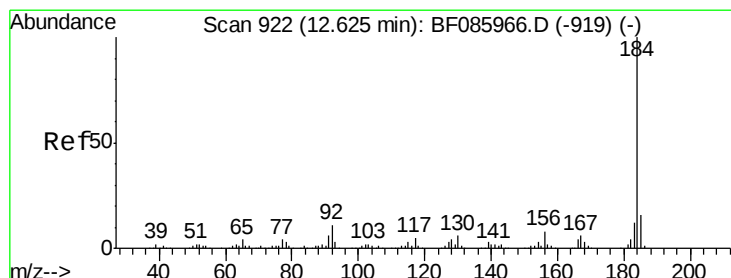
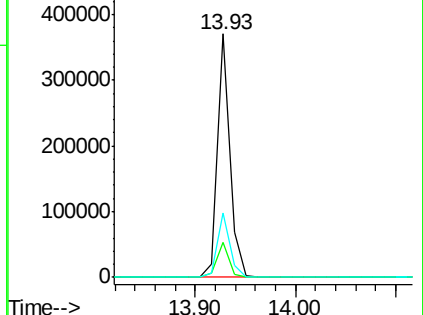
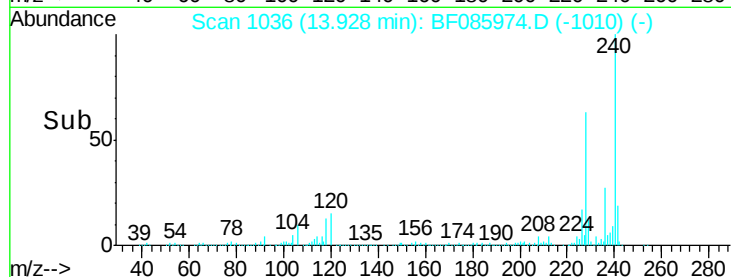
236 26.7 20.6 30.8



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: 18.34 ng

RT: 12.62 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

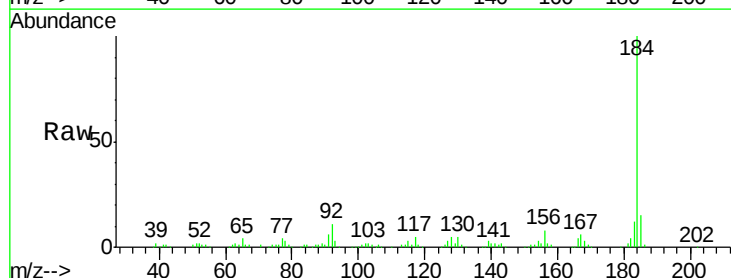
Tgt Ion:184 Resp: 207804

Ion Ratio Lower Upper

184 100

185 15.5 12.4 18.6

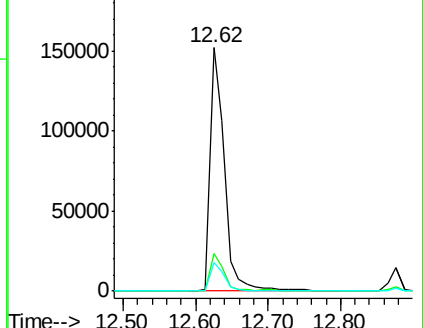
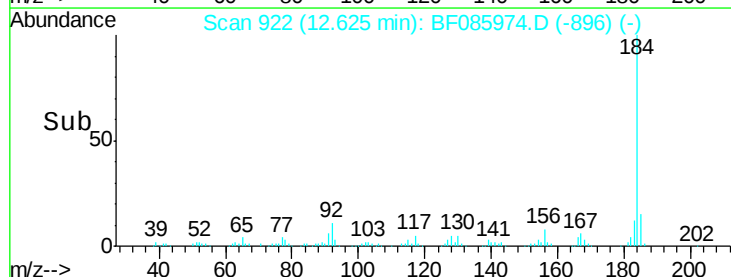
183 11.5 9.4 14.2

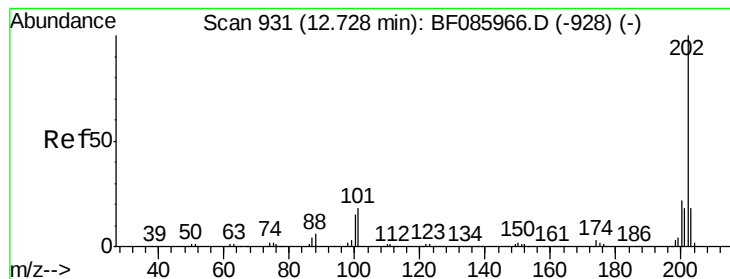


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 32.57 ng

RT: 12.73 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

Instrument :

BNA_F

ClientSampleId :

PB89334BS

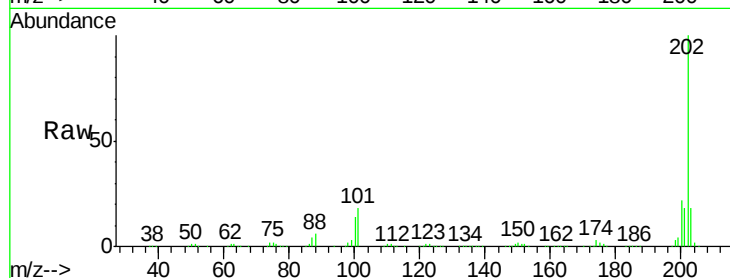
Tot Ion:202 Resp: 737304

Ion Ratio Lower Upper

202 100

200 22.3 17.6 26.4

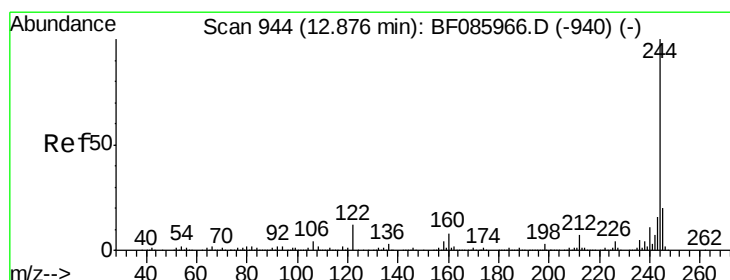
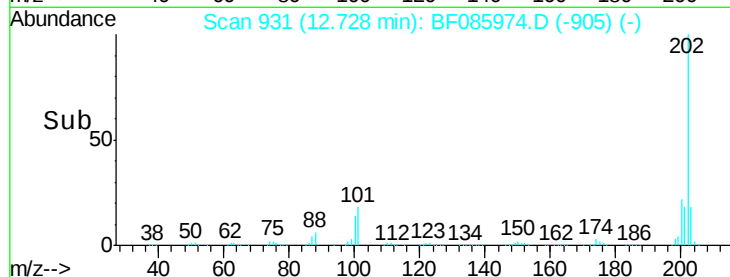
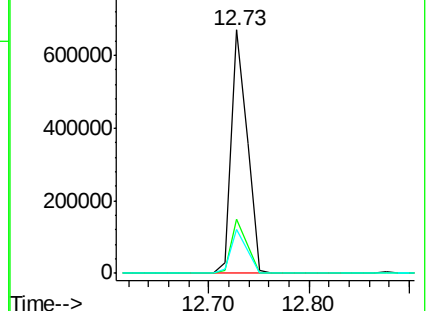
203 18.2 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 69.70 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

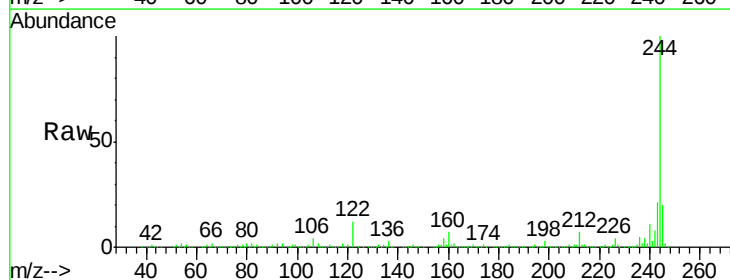
Tgt Ion:244 Resp: 952432

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

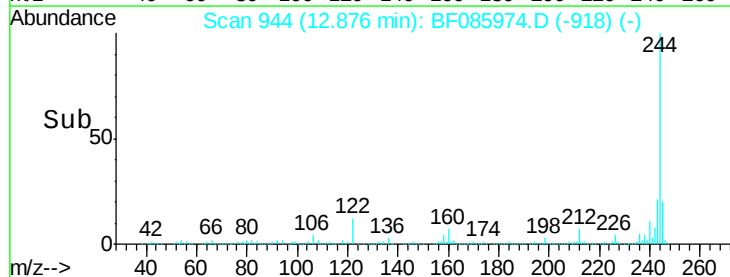
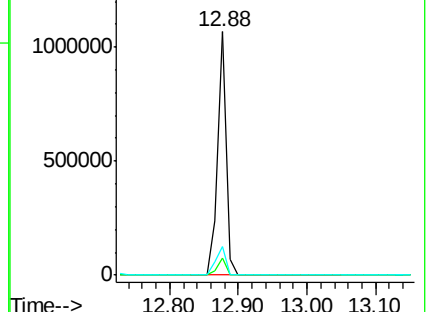
122 11.7 10.2 15.4

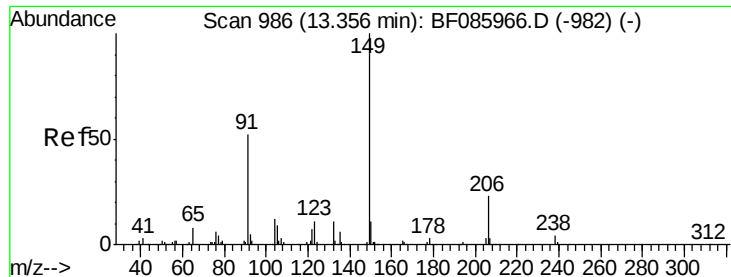


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

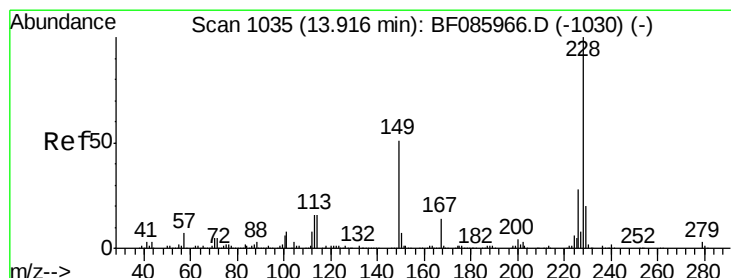
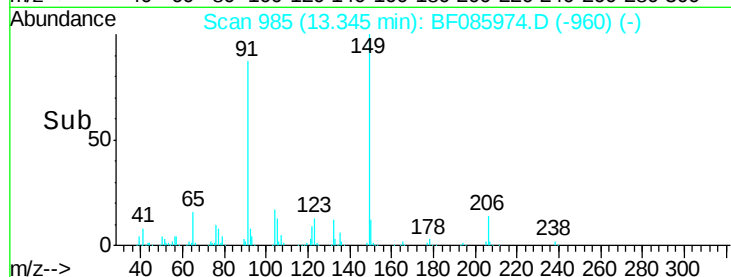
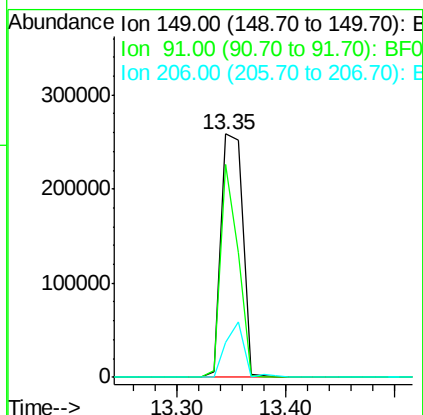
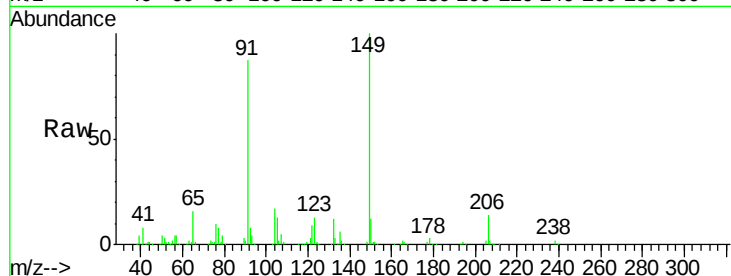




#79
Butylbenzylphthalate
Concen: 35.18 ng
RT: 13.35 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF085974.D
Acq: 1 Apr 2016 21:15

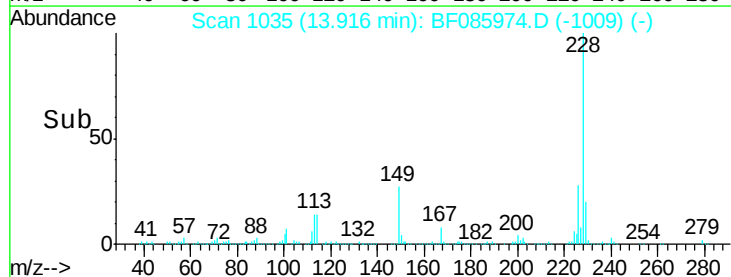
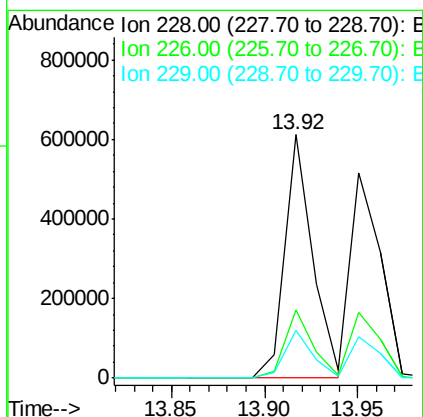
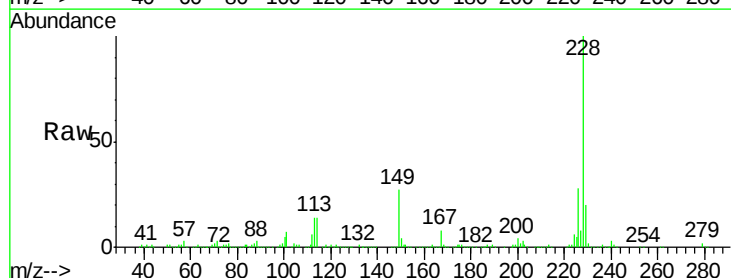
Instrument :
BNA_F
ClientSampleId :
PB89334BS

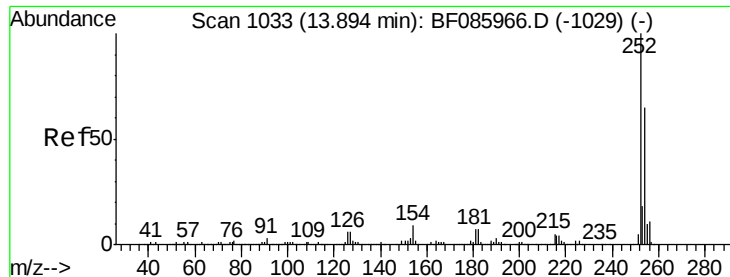
Tot Ion:149 Resp: 358588
Ion Ratio Lower Upper
149 100
91 87.5 45.8 68.8#
206 14.4 17.8 26.8#



#80
Benzo(a)anthracene
Concen: 33.60 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF085974.D
Acq: 1 Apr 2016 21:15

Tgt Ion:228 Resp: 636172
Ion Ratio Lower Upper
228 100
226 28.0 22.1 33.1
229 19.9 16.2 24.4

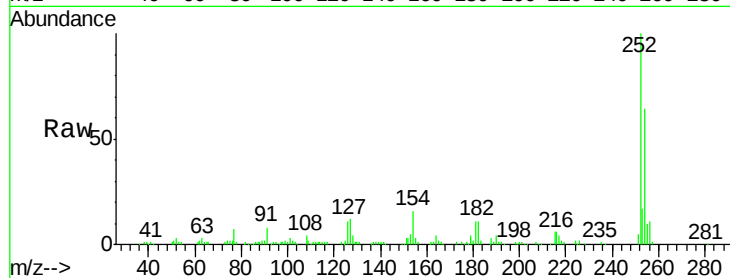




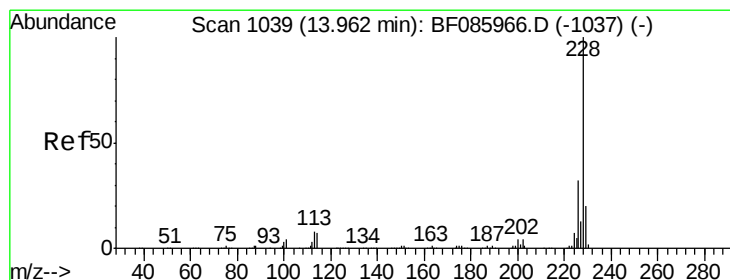
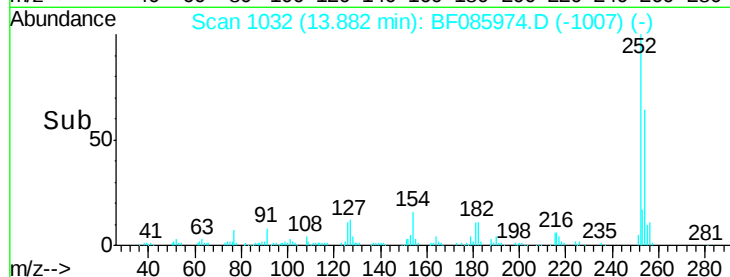
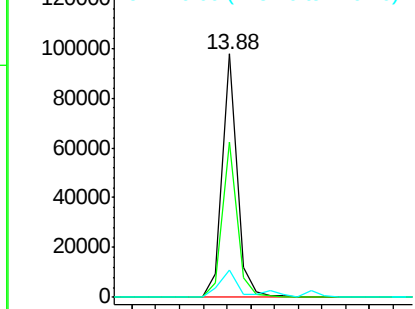
#81
 3,3'-Dichlorobenzidine
 Concen: 6.12 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF085974.D
 Acq: 1 Apr 2016 21:15

Instrument :
 BNA_F
 ClientSampleId :
 PB89334BS

Tot Ion:252 Resp: 84702
 Ion Ratio Lower Upper
 252 100
 254 63.6 50.7 76.1
 126 11.5 11.8 17.6#

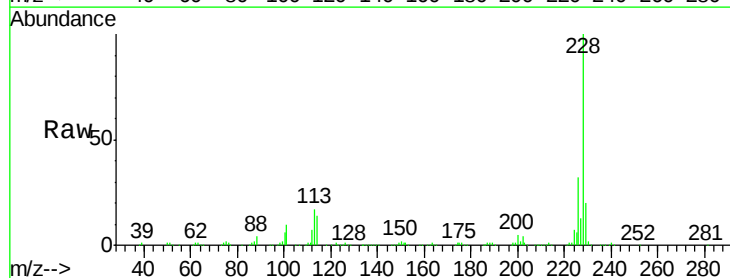


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

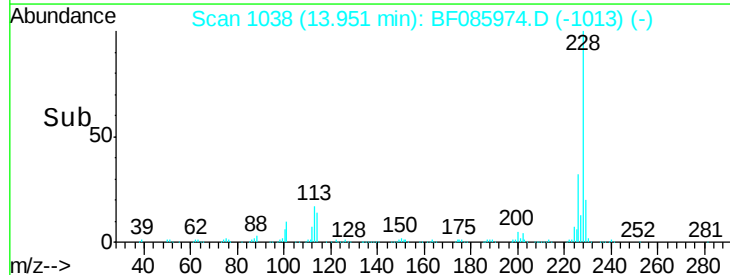
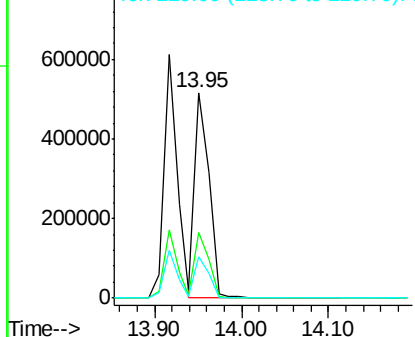


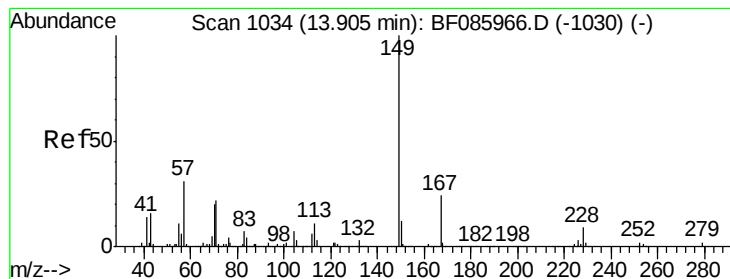
#82
 Chrysene
 Concen: 32.30 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF085974.D
 Acq: 1 Apr 2016 21:15

Tgt Ion:228 Resp: 589013
 Ion Ratio Lower Upper
 228 100
 226 31.8 25.0 37.6
 229 20.3 15.7 23.5



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: 34.14 ng

RT: 13.91 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

Instrument :

BNA_F

ClientSampleId :

PB89334BS

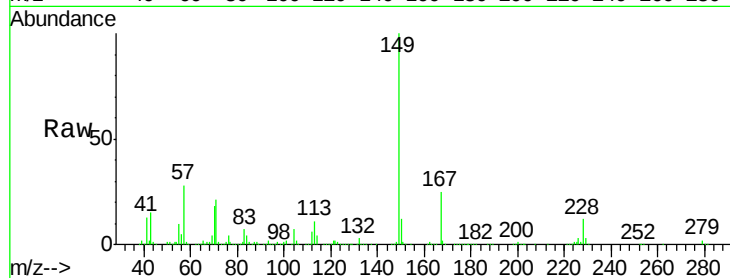
Tot Ion:149 Resp: 461767

Ion Ratio Lower Upper

149 100

167 24.6 19.4 29.2

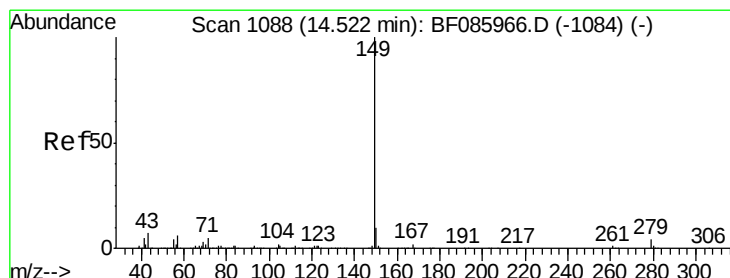
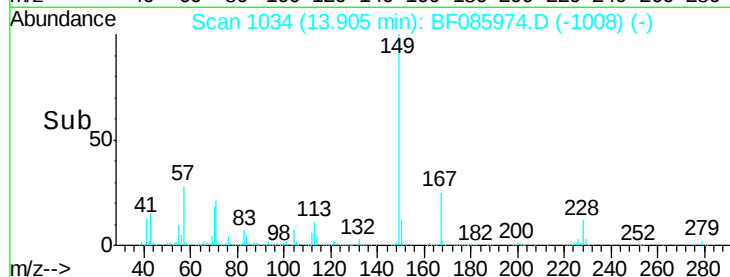
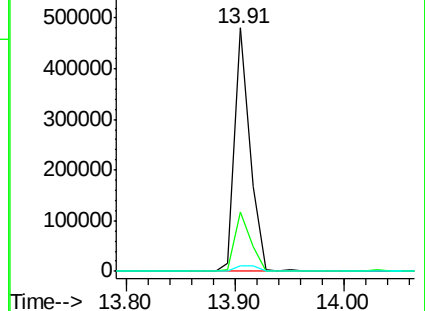
279 2.1 1.5 2.3



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: 38.24 ng

RT: 14.52 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

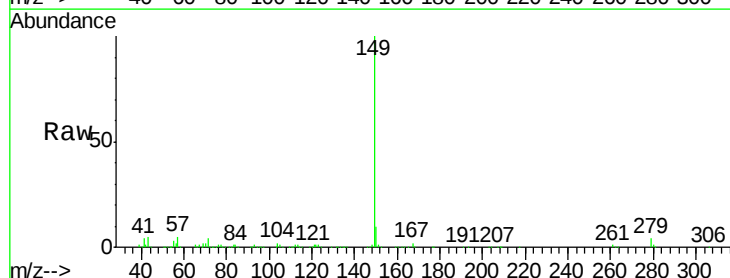
Tgt Ion:149 Resp: 825956

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

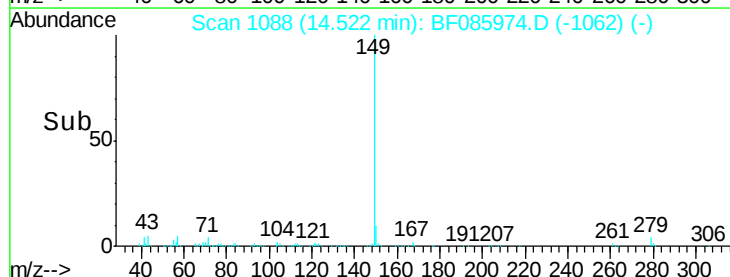
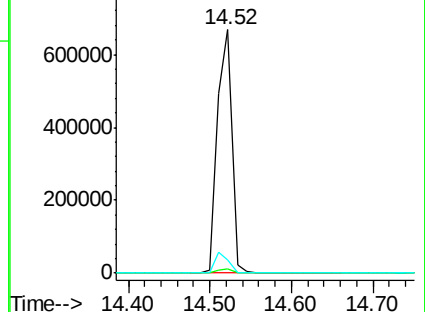
43 8.4 7.1 10.7



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

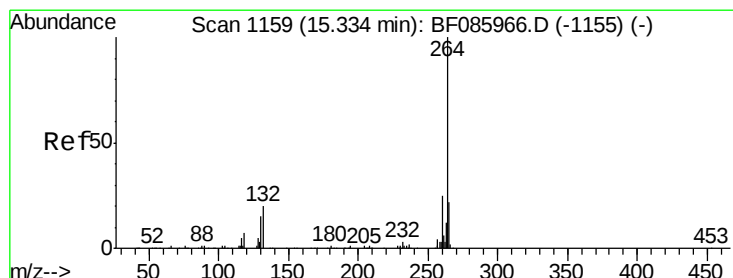
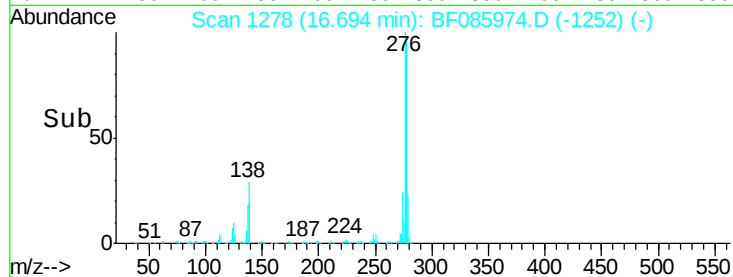
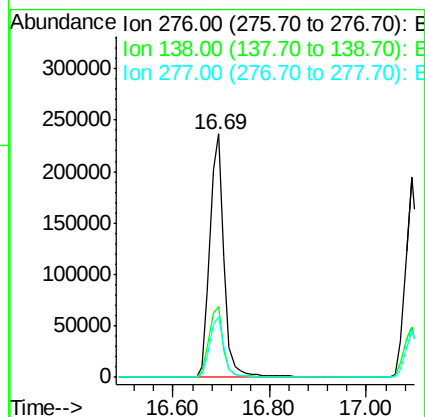
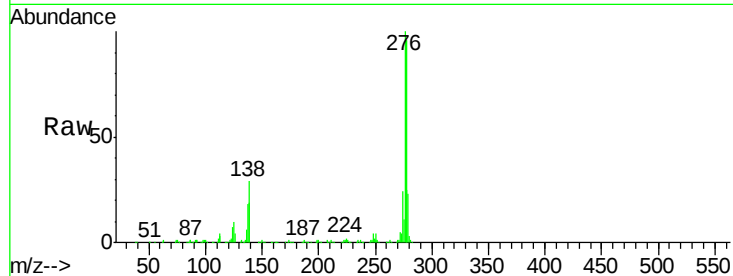




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.28 ng
 RT: 16.69 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: BF085974.D
 Acq: 1 Apr 2016 21:15

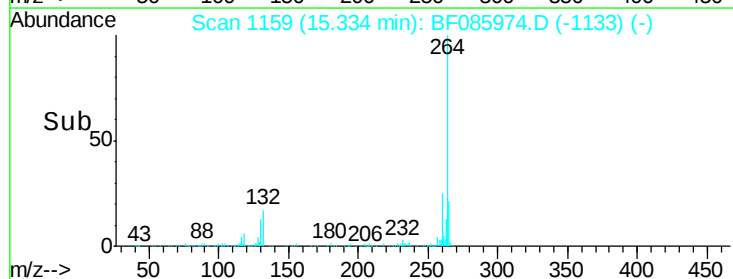
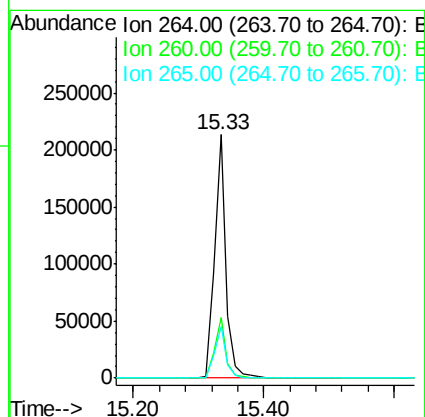
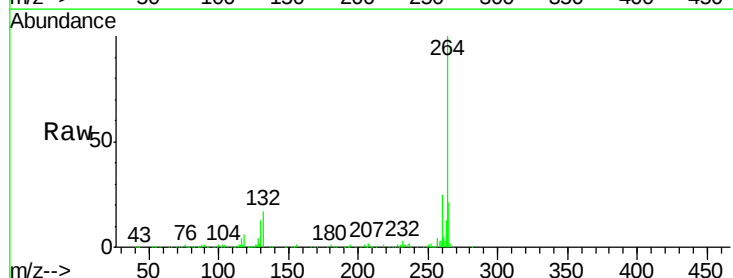
Instrument :
 BNA_F
 ClientSampleId :
 PB89334BS

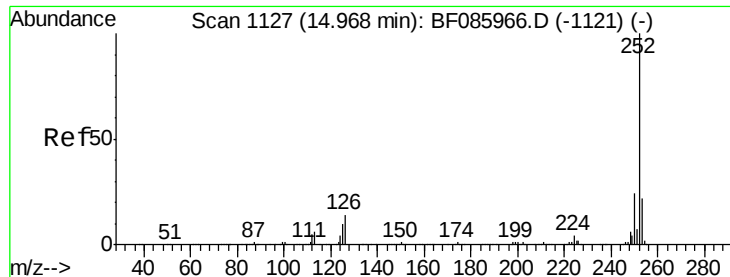
Tot Ion:276 Resp: 492446
 Ion Ratio Lower Upper
 276 100
 138 29.4 24.2 36.4
 277 25.0 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BF085974.D
 Acq: 1 Apr 2016 21:15

Tgt Ion:264 Resp: 262698
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.4 29.2
 265 21.2 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 69.97 ng

RT: 14.97 min Scan# 1127

Delta R.T. 0.02 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

Instrument :

BNA_F

ClientSampleId :

PB89334BS

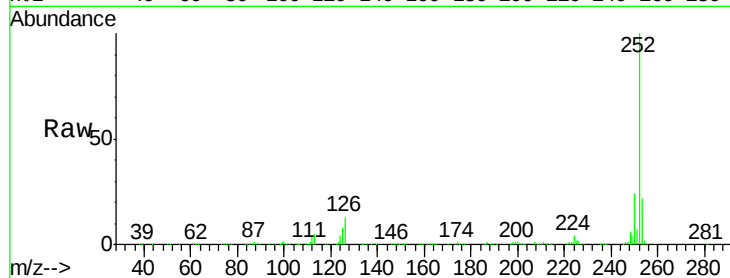
Tot Ion:252 Resp: 1156234

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

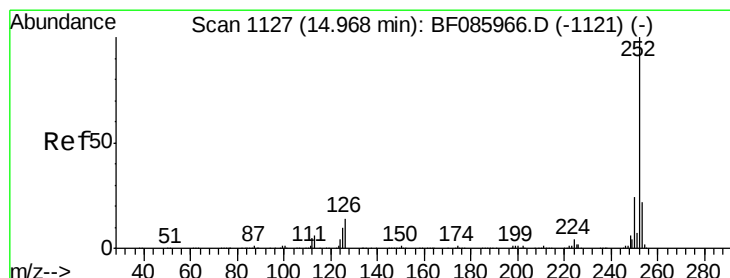
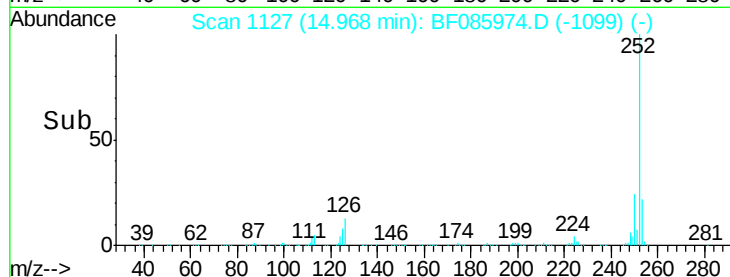
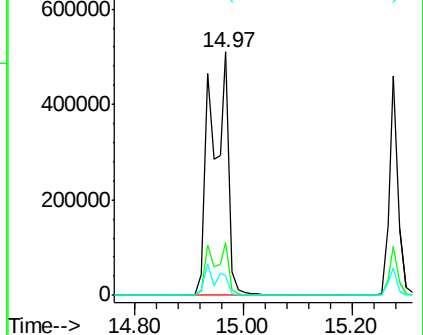
125 8.3 10.3 15.5#



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: 79.01 ng

RT: 14.97 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

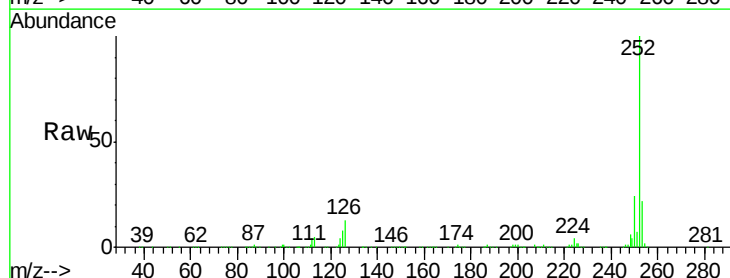
Tgt Ion:252 Resp: 1156234

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

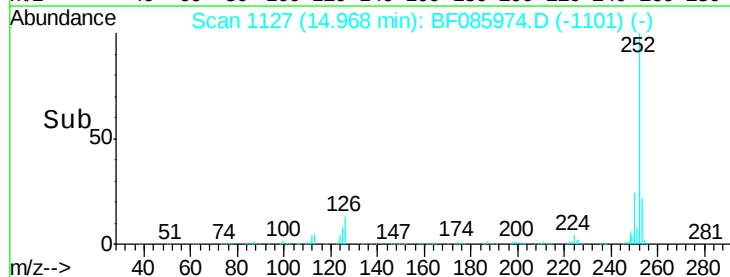
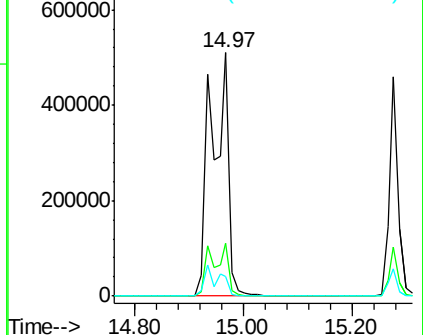
125 8.3 7.7 11.5

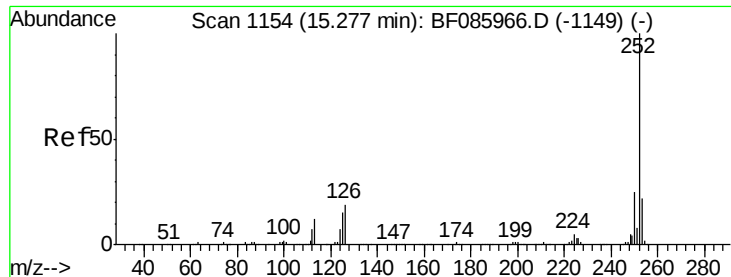


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 36.78 ng

RT: 15.28 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

Instrument :

BNA_F

ClientSampleId :

PB89334BS

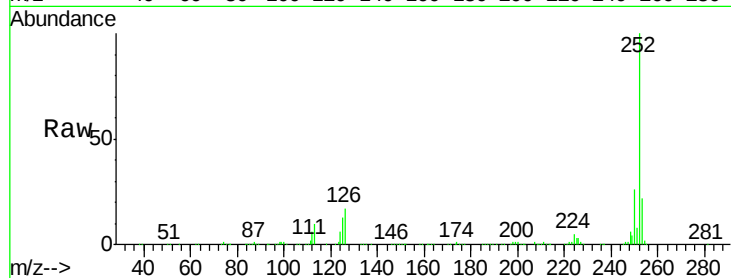
Tot Ion:252 Resp: 538521

Ion Ratio Lower Upper

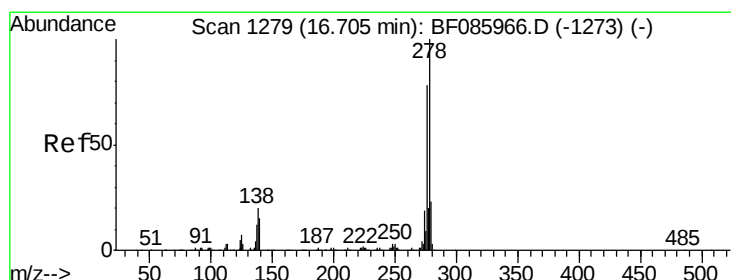
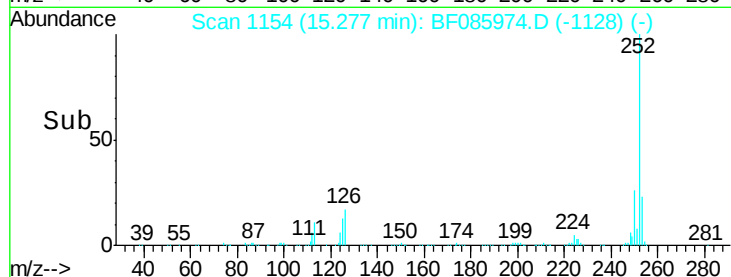
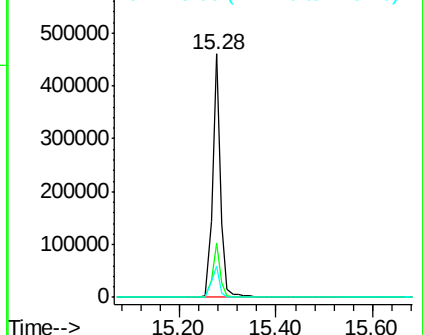
252 100

253 22.4 17.4 26.0

125 12.5 10.3 15.5



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: 34.91 ng

RT: 16.69 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF085974.D

Acq: 1 Apr 2016 21:15

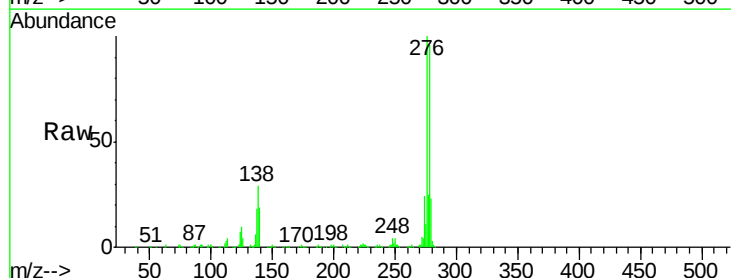
Tgt Ion:278 Resp: 411207

Ion Ratio Lower Upper

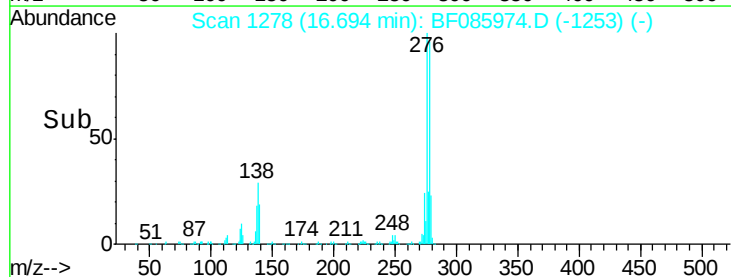
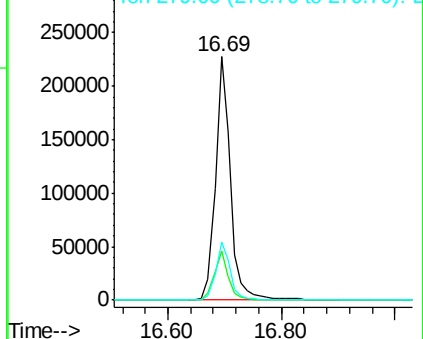
278 100

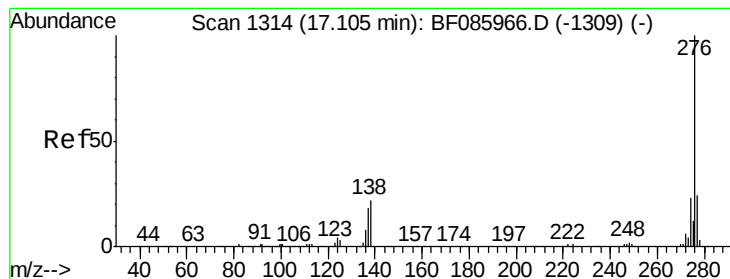
139 20.3 14.4 21.6

279 24.0 19.1 28.7



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

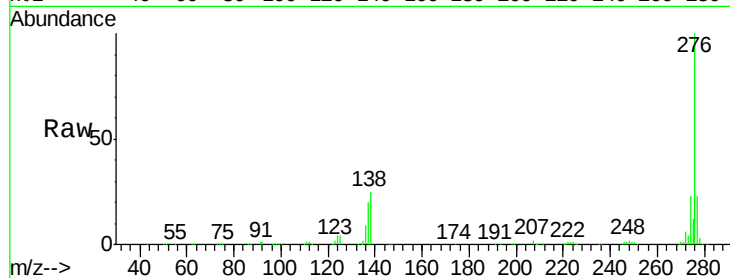




#91
 Benzo(a,h,i)perylene
 Concen: 35.26 ng
 RT: 17.09 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF085974.D
 Acq: 1 Apr 2016 21:15

Instrument :
 BNA_F
 ClientSampleId :
 PB89334BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.8	28.2
138	24.8	22.6	34.0



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

