

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070116\
 Data File : BF088565.D
 Acq On : 1 Jul 2016 10:13
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 01 13:45:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	122720	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	484334	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	232092	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	451670	20.00	ng	0.00
75) Chrysene-d12	13.95	240	339500	20.00	ng	0.00
86) Perylene-d12	15.35	264	307554	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	576553	70.41	ng	-0.01
7) Phenol-d6	6.44	99	821579	77.65	ng	0.00
23) Nitrobenzene-d5	7.37	82	727635	78.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	167702	77.81	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1226845	83.50	ng	0.00
78) Terphenyl-d14	12.90	244	1019117	66.86	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.38	88	150156	36.99	ng	# 32
3) Pyridine	3.07	79	439540	37.31	ng	94
4) n-Nitrosodimethylamine	3.03	42	164669	36.59	ng	89
6) Aniline	6.47	93	553846	35.92	ng	97
8) 2-Chlorophenol	6.59	128	351945	39.99	ng	93
9) Benzaldehyde	6.35	77	268030	37.40	ng	90
10) Phenol	6.46	94	486258	40.27	ng	78
11) bis(2-Chloroethyl)ether	6.55	93	365112	40.55	ng	89
12) 1,3-Dichlorobenzene	6.98	146	358796	37.05	ng	99
13) 1,4-Dichlorobenzene	6.82	146	347249	36.12	ng	94
14) 1,2-Dichlorobenzene	6.75	146	368736	40.98	ng	97
15) Benzyl Alcohol	6.95	79	277561	35.64	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.10	45	468698	35.94	ng	92
17) 2-Methylphenol	7.06	107	274088	38.18	ng	98
18) Hexachloroethane	7.32	117	142869	38.42	ng	89
19) n-Nitroso-di-n-propylamine	7.23	70	272579	38.35	ng	88
20) 3+4-Methylphenols	7.22	107	325012	37.72	ng	# 74
22) Acetophenone	7.22	105	442792	37.67	ng	# 85
24) Nitrobenzene	7.39	77	400428	42.97	ng	# 85
25) Isophorone	7.63	82	655456	38.29	ng	95
26) 2-Nitrophenol	7.71	139	181085	47.39	ng	# 83
27) 2,4-Dimethylphenol	7.75	122	301330	37.86	ng	90
28) bis(2-Chloroethoxy)methane	7.85	93	455829	40.91	ng	# 96
29) 2,4-Dichlorophenol	7.95	162	283988	44.15	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	279161	39.55	ng	98
31) Naphthalene	8.11	128	914392	38.30	ng	100
32) Benzoic acid	7.86	122	158089	27.36	ng	92
33) 4-Chloroaniline	8.16	127	430200	40.49	ng	94
34) Hexachlorobutadiene	8.24	225	153599	40.64	ng	99
35) Caprolactam	8.54	113	88431	40.48	ng	99
36) 4-Chloro-3-methylphenol	8.65	107	326836	42.97	ng	97
37) 2-Methylnaphthalene	8.81	142	643461	41.85	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	286053	37.06	ng	# 1
40) Hexachlorocyclopentadiene	8.96	237	131120	34.61	ng	98

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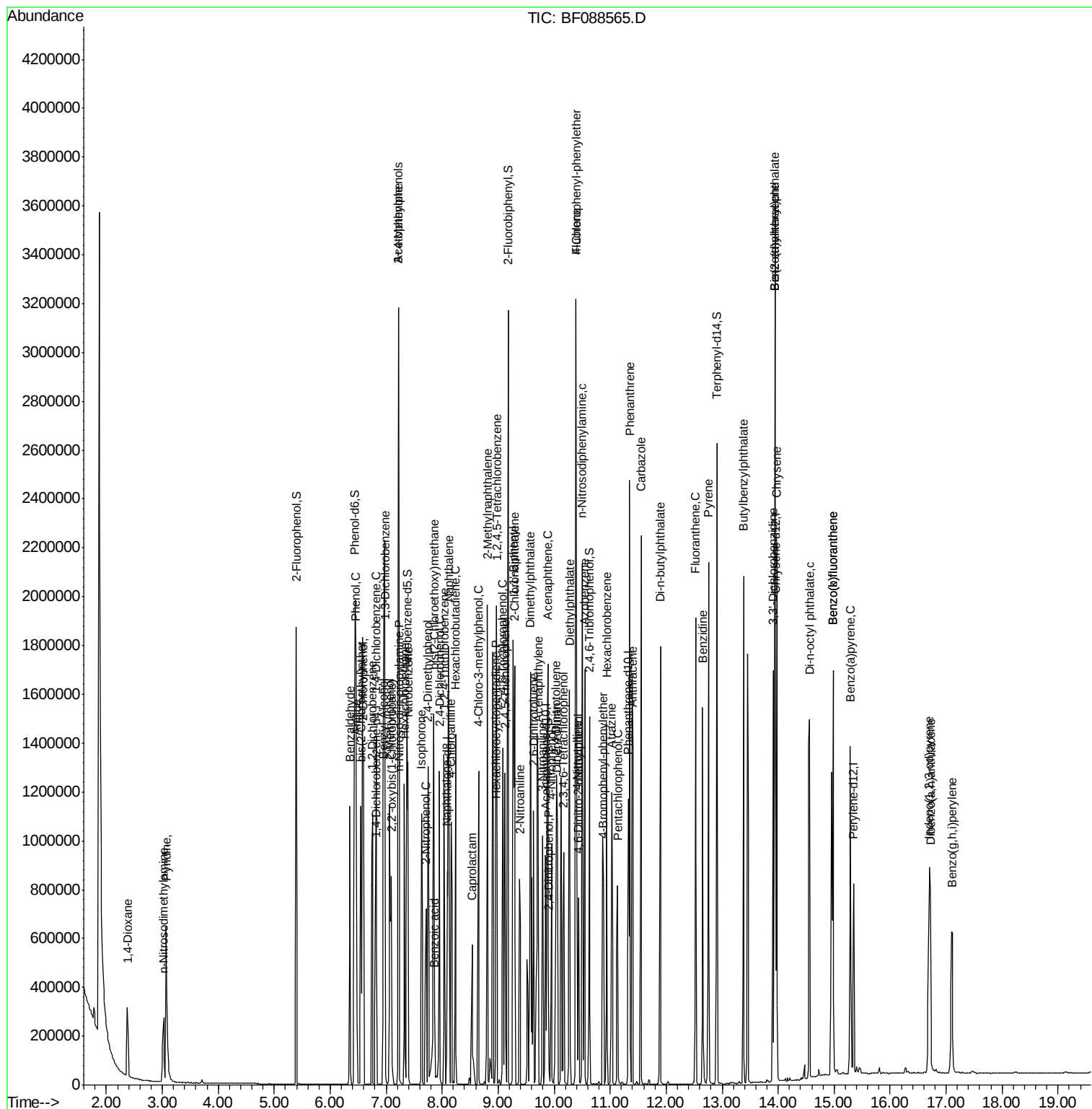
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	219986	43.22	nq	97
43) 2,4,5-Trichlorophenol	9.12	196	161802	36.95	nq	# 86
45) 1,1'-Biphenyl	9.27	154	718043	37.36	nq	98
46) 2-Chloronaphthalene	9.29	162	559754	37.10	nq	97
47) 2-Nitroaniline	9.38	65	206659	38.60	nq	91
48) Acenaphthylene	9.71	152	962571	40.10	nq	99
49) Dimethylphthalate	9.58	163	687313	41.57	nq	100
50) 2,6-Dinitrotoluene	9.63	165	165428	45.14	nq	# 79
51) Acenaphthene	9.88	154	592690	40.28	nq	99
52) 3-Nitroaniline	9.79	138	177034	38.00	nq	89
53) 2,4-Dinitrophenol	9.90	184	49611	30.66	nq	# 86
54) Dibenzofuran	10.06	168	760510	39.49	nq	100
55) 4-Nitrophenol	9.95	139	155138	43.82	nq	97
56) 2,4-Dinitrotoluene	10.03	165	221845	46.30	nq	# 80
57) Fluorene	10.39	166	540137	36.39	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	144863	42.76	nq	# 55
59) Diethylphthalate	10.27	149	654911	39.47	nq	99
60) 4-Chlorophenyl-phenylether	10.39	204	266480	38.64	nq	100
61) 4-Nitroaniline	10.41	138	201904	45.04	nq	92
62) Azobenzene	10.55	77	781244	41.27	nq	97
64) 4,6-Dinitro-2-methylphenol	10.43	198	78352	32.43	nq	88
65) n-Nitrosodiphenylamine	10.50	169	524502	34.31	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	176782	38.84	nq	93
67) Hexachlorobenzene	10.94	284	178715	35.47	nq	99
68) Atrazine	11.03	200	181309	38.06	nq	90
69) Pentachlorophenol	11.13	266	117892	39.54	nq	98
70) Phenanthrene	11.35	178	869794	35.23	nq	99
71) Anthracene	11.40	178	945195	38.50	nq	98
72) Carbazole	11.55	167	903631	39.11	nq	100
73) Di-n-butylphthalate	11.90	149	1062697	39.54	nq	99
74) Fluoranthene	12.53	202	924001	36.92	nq	96
76) Benzidine	12.65	184	533591	31.09	nq	99
77) Pyrene	12.75	202	933269	32.42	nq	100
79) Butylbenzylphthalate	13.38	149	433485	33.76	nq	# 79
80) Benzo(a)anthracene	13.94	228	783081	35.82	nq	100
81) 3,3'-Dichlorobenzidine	13.91	252	322303	39.21	nq	# 97
82) Chrysene	13.98	228	719366	33.26	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	511775	34.91	nq	# 98
84) Di-n-octyl phthalate	14.56	149	1031605	41.42	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.70	276	567185	34.09	nq	# 100
87) Benzo(b)fluoranthene	14.98	252	1379663	71.51	nq	# 95
88) Benzo(k)fluoranthene	14.98	252	1379663	82.14	nq	100
89) Benzo(a)pyrene	15.29	252	628400	38.47	nq	99
90) Dibenzo(a,h)anthracene	16.72	278	488375	35.80	nq	98
91) Benzo(g,h,i)perylene	17.11	276	490275	34.73	nq	96

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

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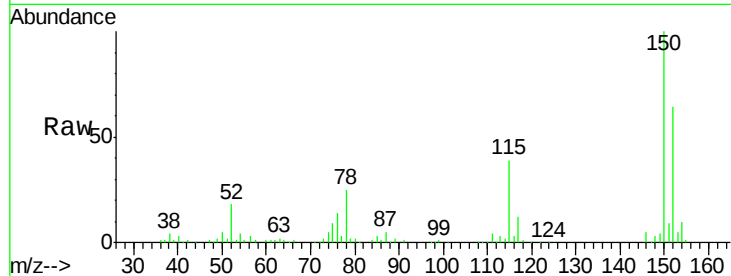


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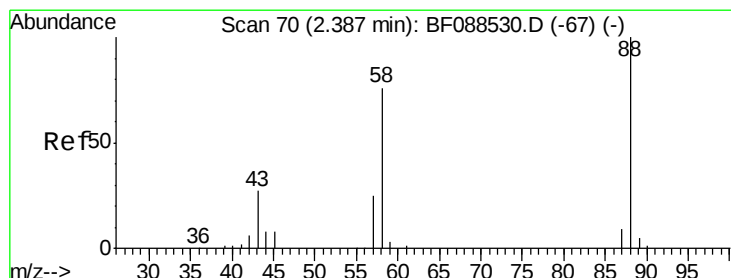
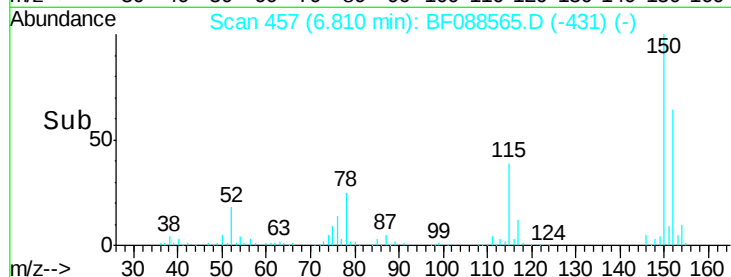
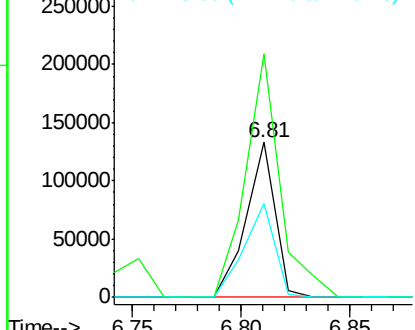
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF088565.D
Acq: 1 Jul 2016 10:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 122720
Ion Ratio Lower Upper
152 100
150 157.1 123.8 185.6
115 60.7 39.6 59.4#



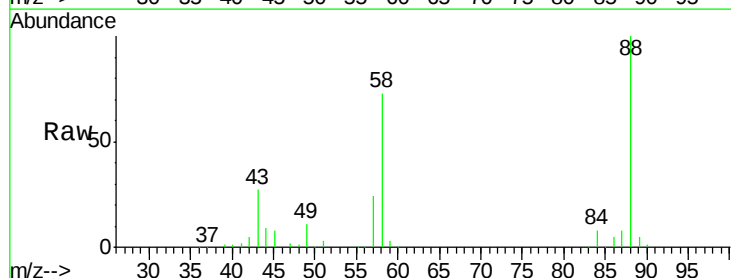
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



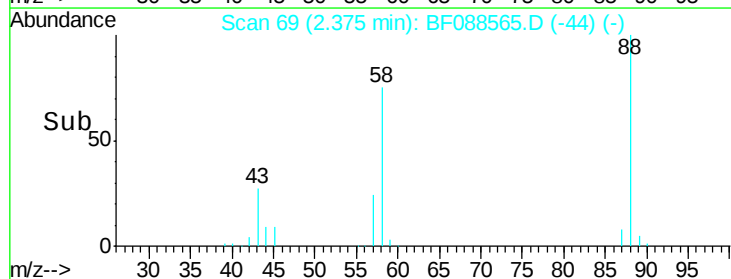
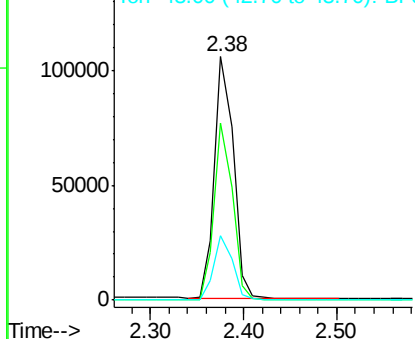
#2

1,4-Dioxane
Concen: 36.99 ng
RT: 2.38 min Scan# 69
Delta R.T. -0.01 min
Lab File: BF088565.D
Acq: 1 Jul 2016 10:13

Tgt Ion: 88 Resp: 150156
Ion Ratio Lower Upper
88 100
58 70.6 0.0 0.0#
43 26.6 3.4 5.2#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.31 ng

RT: 3.07 min Scan# 130

Delta R.T. -0.01 min

Lab File: BF088565.D

Acq: 1 Jul 2016 10:13

Instrument :

BNA_F

ClientSampleId :

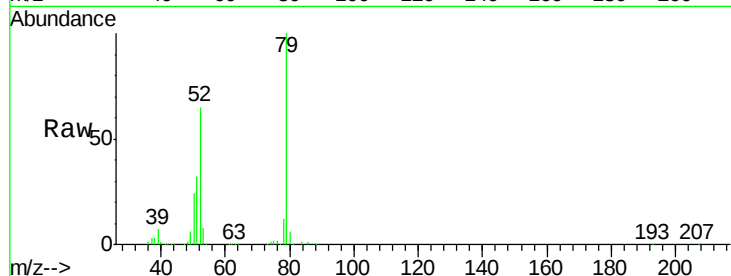
Tot Ion: 79 Resp: 439540

Ion Ratio Lower Upper

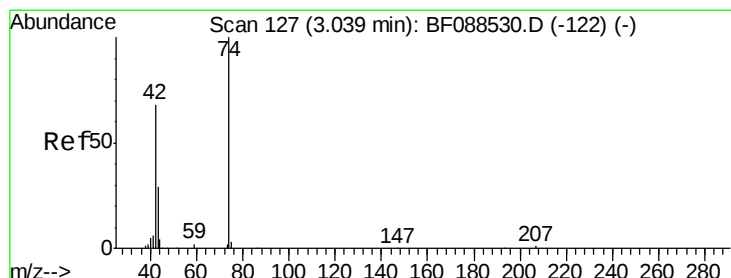
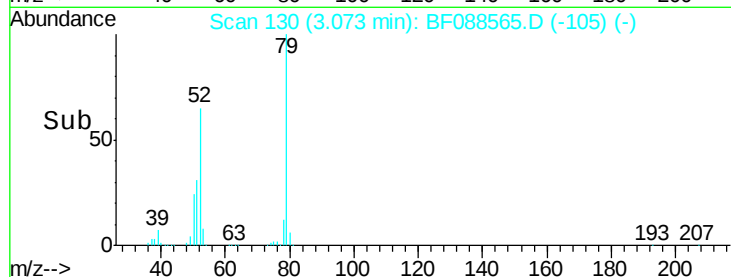
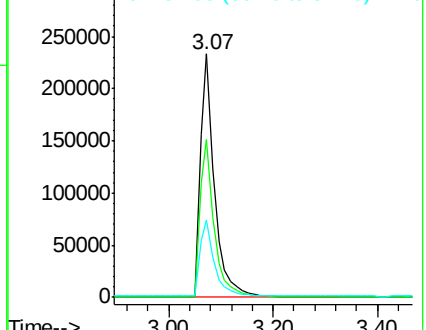
79 100

52 65.0 56.3 84.5

51 31.6 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.59 ng

RT: 3.03 min Scan# 126

Delta R.T. -0.01 min

Lab File: BF088565.D

Acq: 1 Jul 2016 10:13

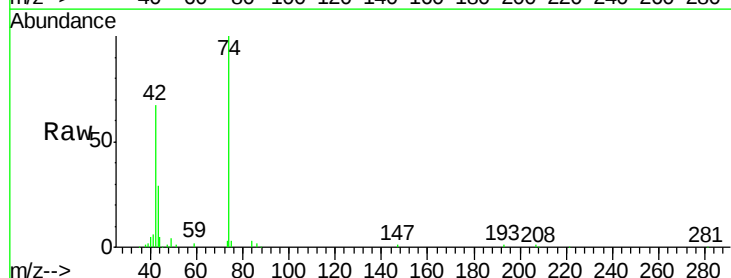
Tgt Ion: 42 Resp: 164669

Ion Ratio Lower Upper

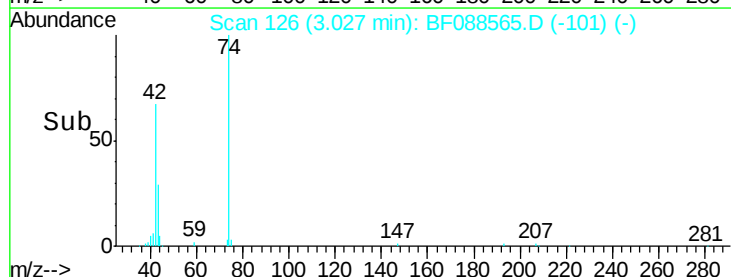
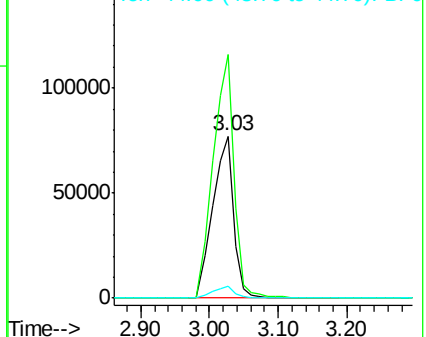
42 100

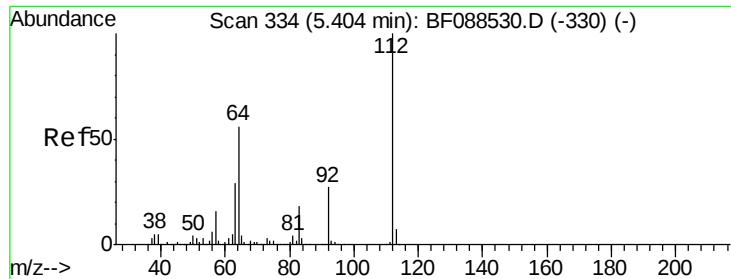
74 150.1 108.6 163.0

44 7.2 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 70.41 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.01 min

Lab File: BF088565.D

Acq: 1 Jul 2016 10:13

Instrument :

BNA_F

ClientSampleId :

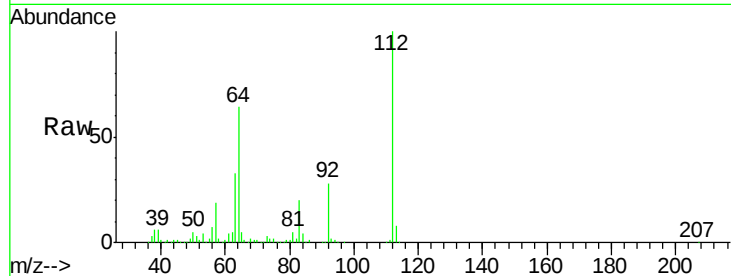
Tot Ion:112 Resp: 576553

Ion Ratio Lower Upper

112 100

64 63.7 42.2 63.2#

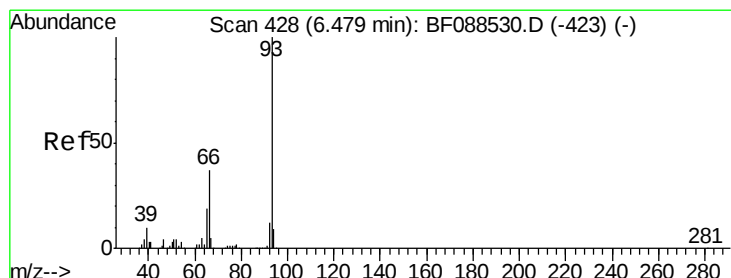
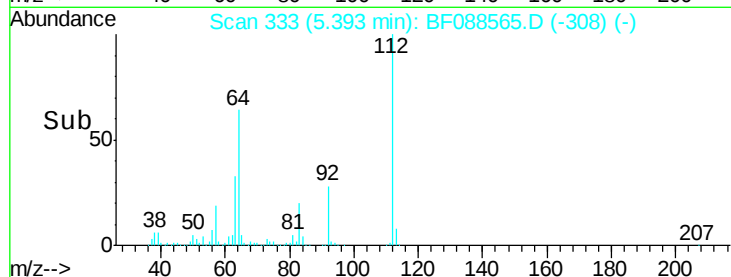
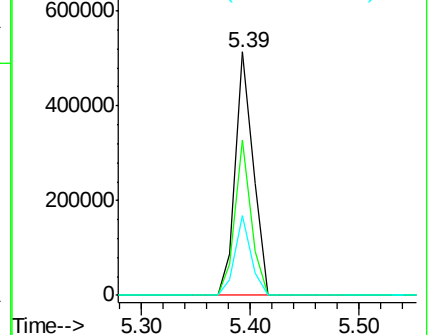
63 32.6 21.8 32.8



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: 35.92 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF088565.D

Acq: 1 Jul 2016 10:13

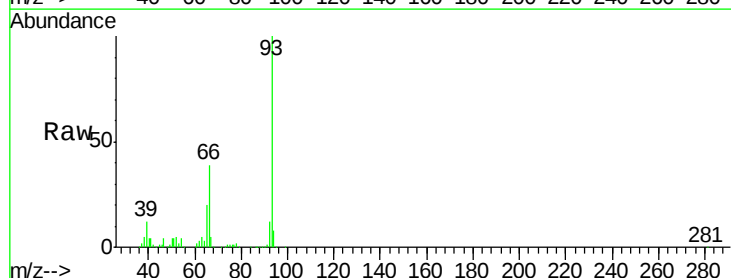
Tgt Ion: 93 Resp: 553846

Ion Ratio Lower Upper

93 100

66 39.4 29.8 44.8

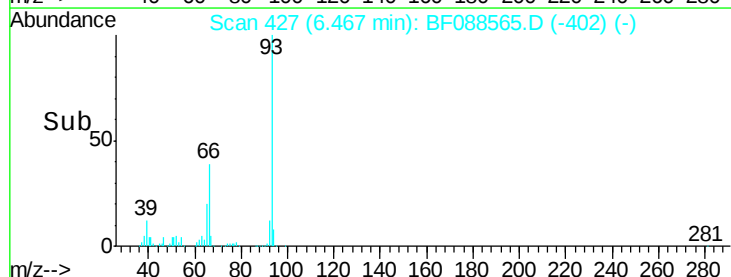
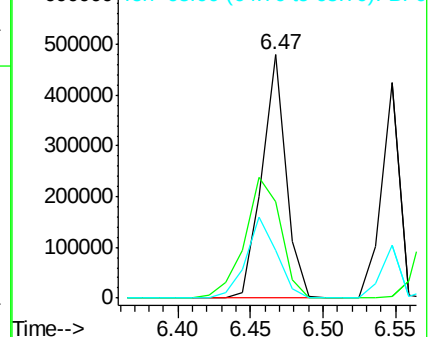
65 19.8 14.9 22.3



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: 77.65 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088565.D

Acq: 1 Jul 2016 10:13

Instrument :

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ClientSampleId :

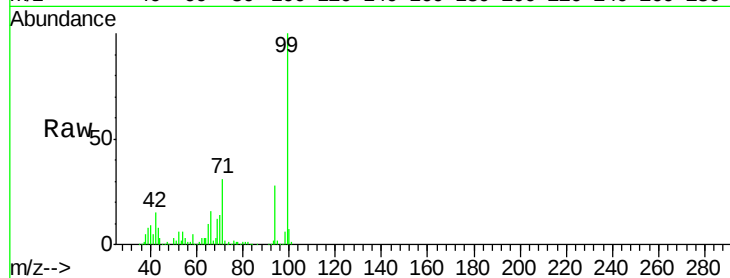
Tot Ion: 99 Resp: 821579

Ion Ratio Lower Upper

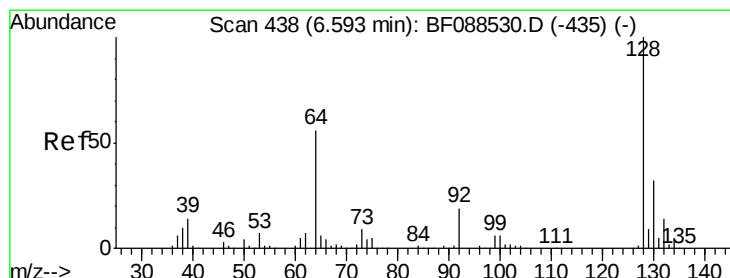
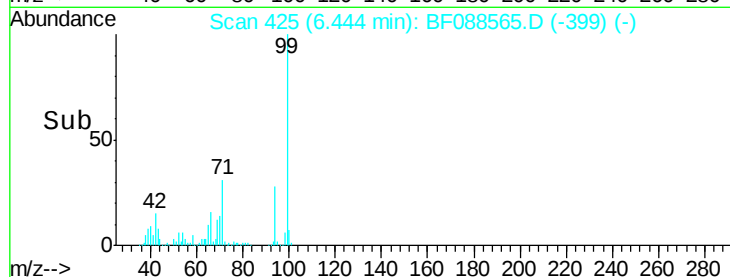
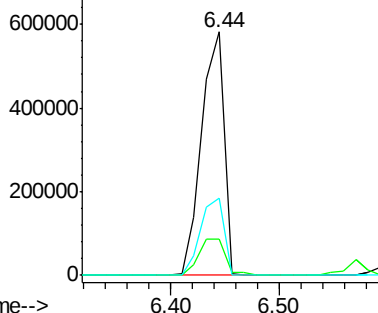
99 100

42 14.9 12.2 18.2

71 31.5 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.99 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF088565.D

Acq: 1 Jul 2016 10:13

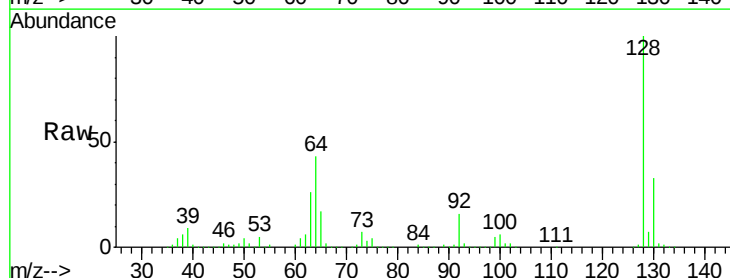
Tgt Ion: 128 Resp: 351945

Ion Ratio Lower Upper

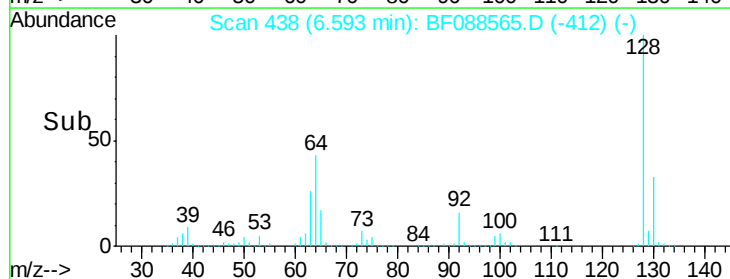
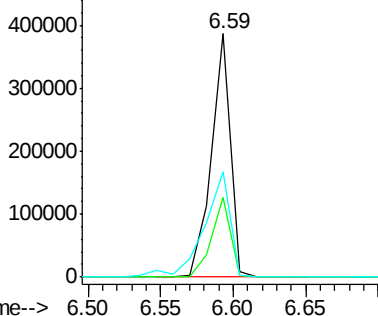
128 100

130 32.9 12.0 52.0

64 43.1 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.40 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088565.D

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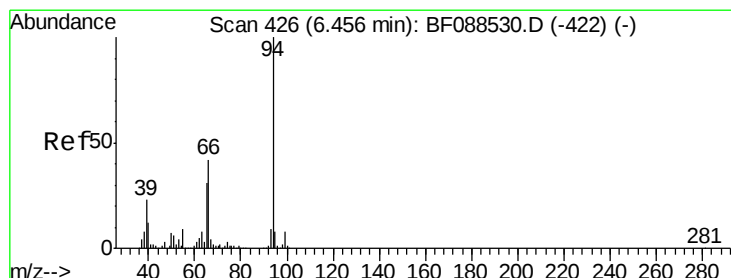
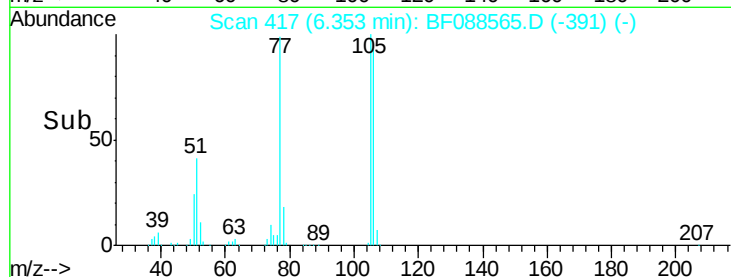
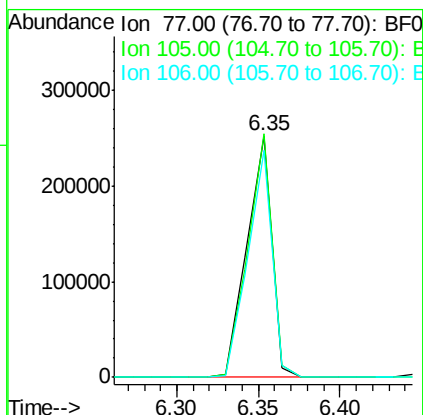
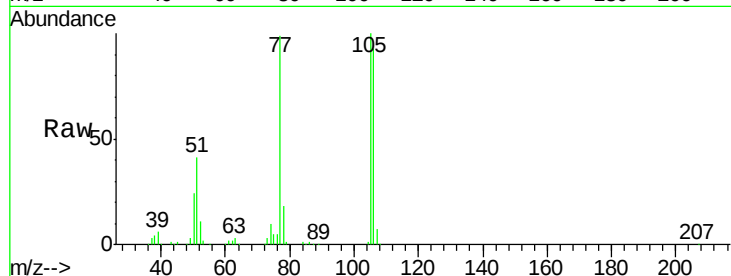
Tot Ion: 77 Resp: 268030

Ion Ratio Lower Upper

77 100

105 100.9 90.6 130.6

106 94.3 85.3 125.3



#10

Phenol

Concen: 40.27 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF088565.D

Acq: 1 Jul 2016 10:13

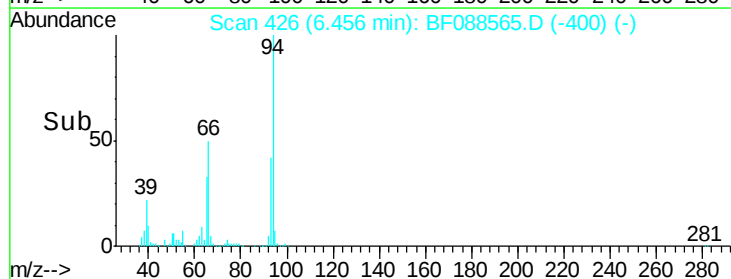
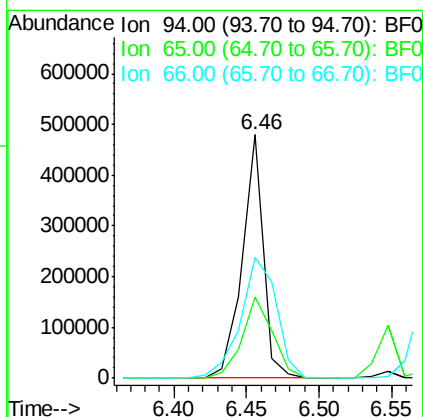
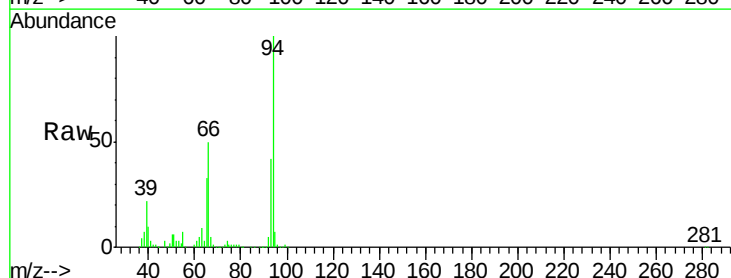
Tgt Ion: 94 Resp: 486258

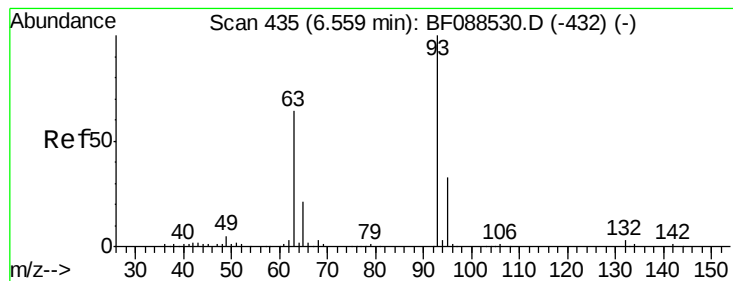
Ion Ratio Lower Upper

94 100

65 33.4 5.9 45.9

66 49.8 14.0 54.0

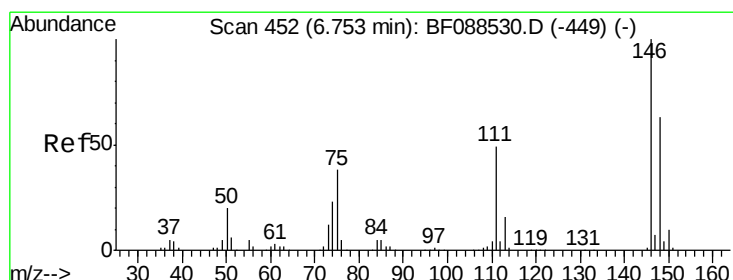
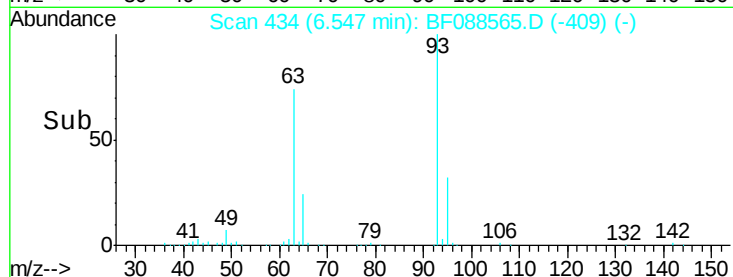
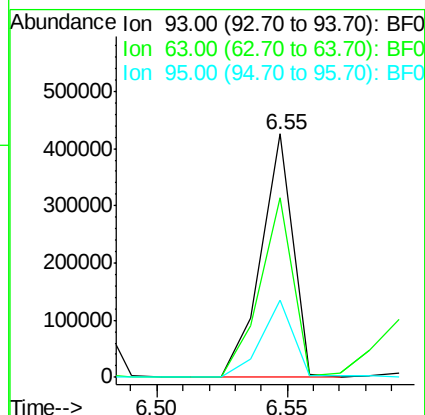
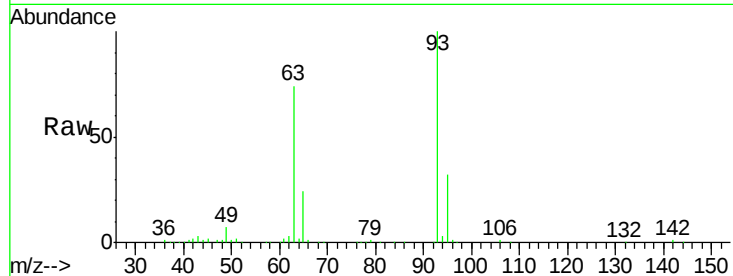




#11
bis(2-Chloroethyl)ether
Concen: 40.55 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF088565.D
Acq: 1 Jul 2016 10:13

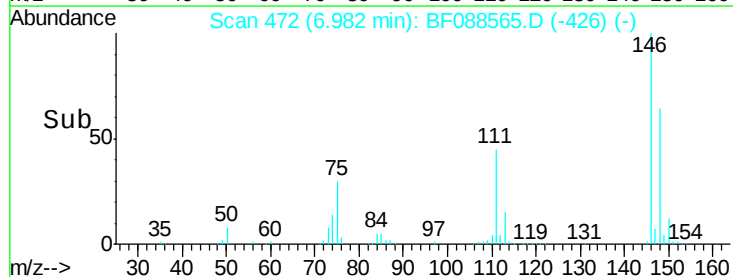
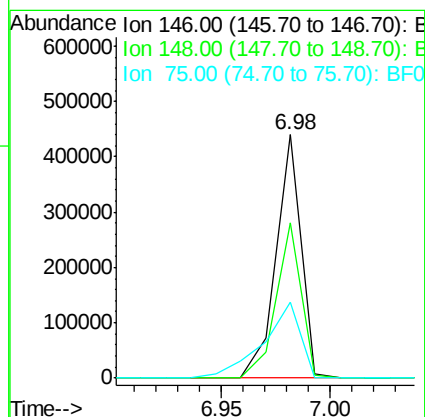
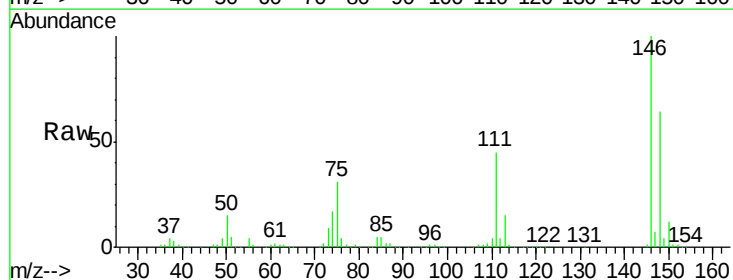
Instrument :
BNA_F
ClientSampled :

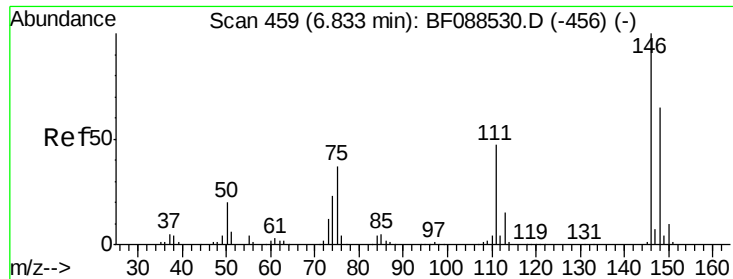
Tot Ion: 93 Resp: 365112
Ion Ratio Lower Upper
93 100
63 73.8 67.6 107.6
95 31.8 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 37.05 ng
RT: 6.98 min Scan# 472
Delta R.T. 0.23 min
Lab File: BF088565.D
Acq: 1 Jul 2016 10:13

Tgt Ion: 146 Resp: 358796
Ion Ratio Lower Upper
146 100
148 63.8 50.9 76.3
75 31.1 25.6 38.4

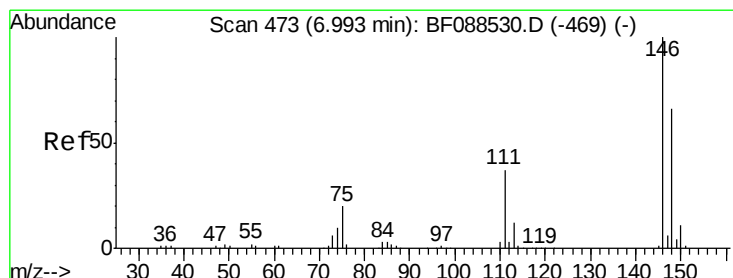
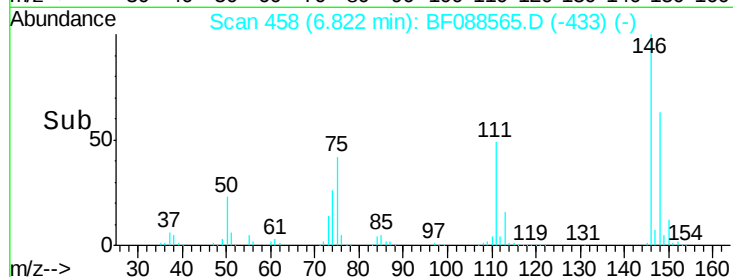
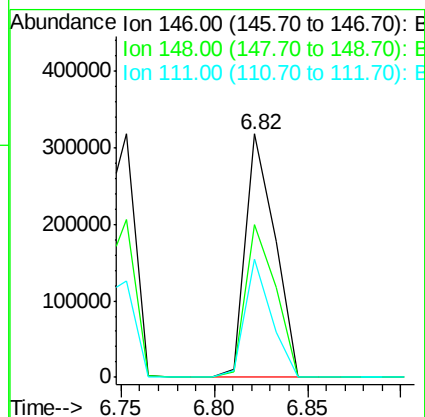
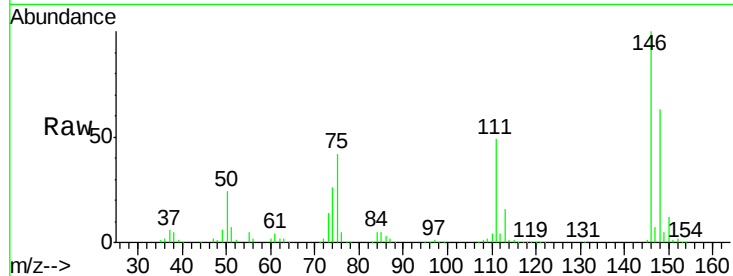




#13
 1,4-Dichlorobenzene
 Concen: 36.12 ng
 RT: 6.82 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF088565.D
 Acq: 1 Jul 2016 10:13

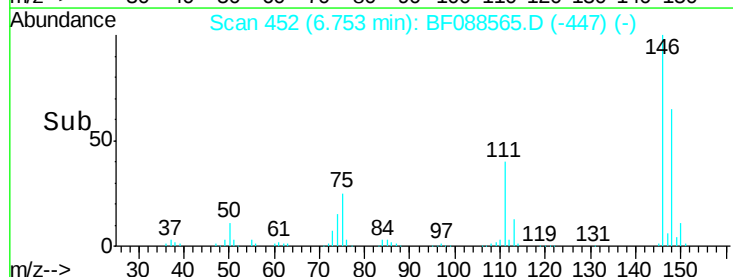
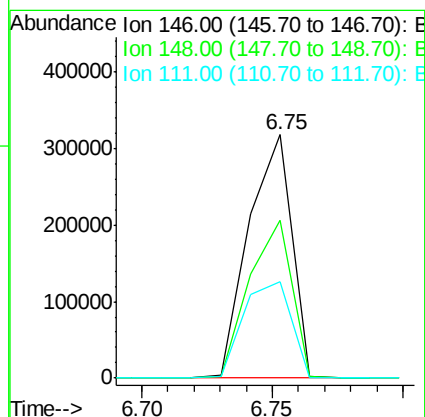
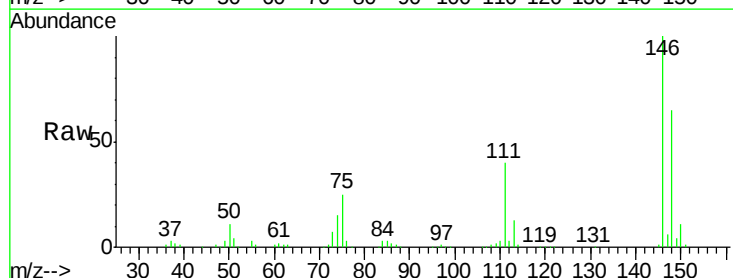
Instrument :
 BNA_F
 ClientSampleId :

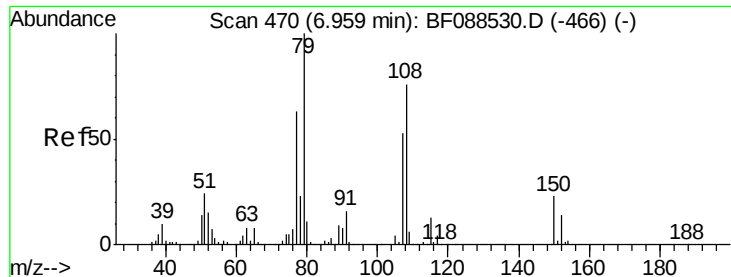
Tot Ion:146 Resp: 347249
 Ion Ratio Lower Upper
 146 100
 148 62.7 52.0 78.0
 111 48.7 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 40.98 ng
 RT: 6.75 min Scan# 452
 Delta R.T. -0.24 min
 Lab File: BF088565.D
 Acq: 1 Jul 2016 10:13

Tgt Ion:146 Resp: 368736
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.3 78.5
 111 39.7 28.7 43.1





#15

Benzyl Alcohol

Concen: 35.64 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF088565.D

Acq: 1 Jul 2016 10:13

Instrument :

BNA_F

ClientSampleId :

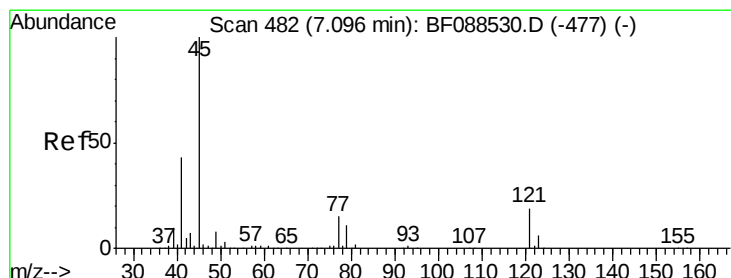
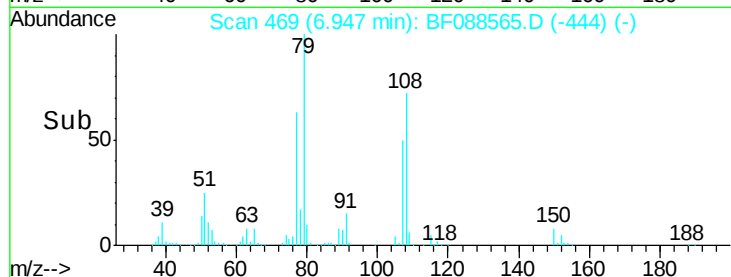
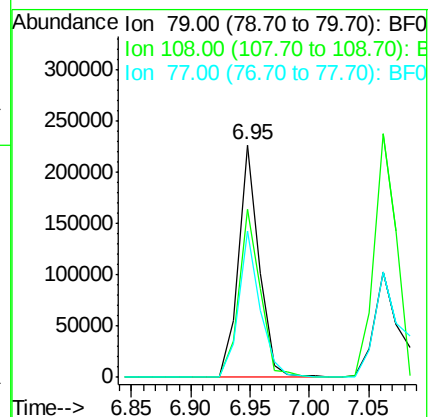
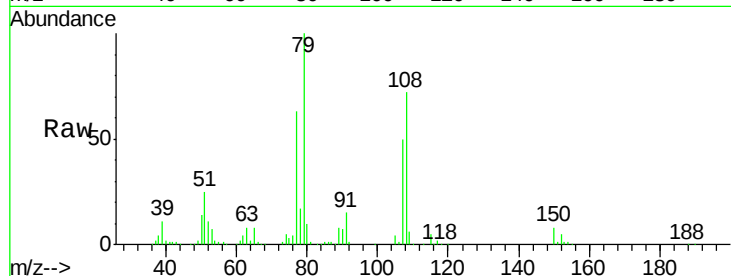
Tot Ion: 79 Resp: 277561

Ion Ratio Lower Upper

79 100

108 72.4 65.0 97.6

77 63.0 50.3 75.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.94 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF088565.D

Acq: 1 Jul 2016 10:13

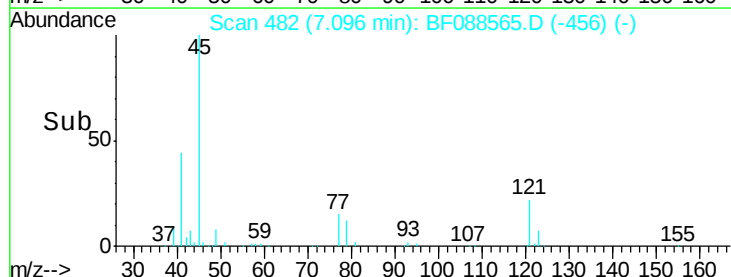
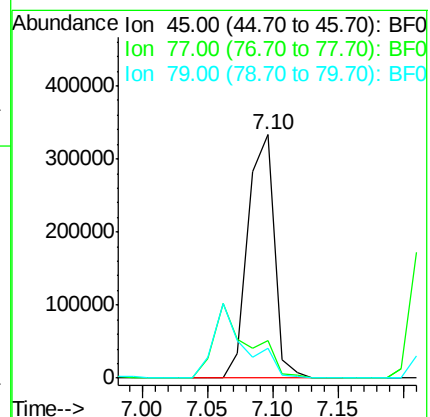
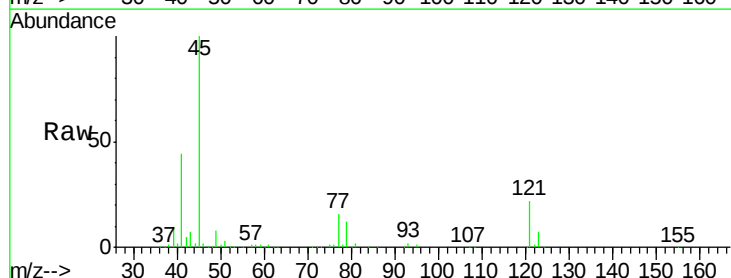
Tgt Ion: 45 Resp: 468698

Ion Ratio Lower Upper

45 100

77 15.7 0.0 32.5

79 12.1 0.0 29.5





#17

2-Methylphenol

Concen: 38.18 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF088565.D

Acq: 1 Jul 2016 10:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 274088

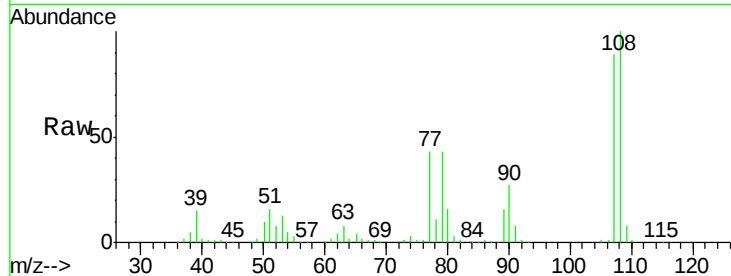
Ion Ratio Lower Upper

107 100

108 113.0 90.9 136.3

77 49.0 36.6 55.0

79 48.6 36.5 54.7

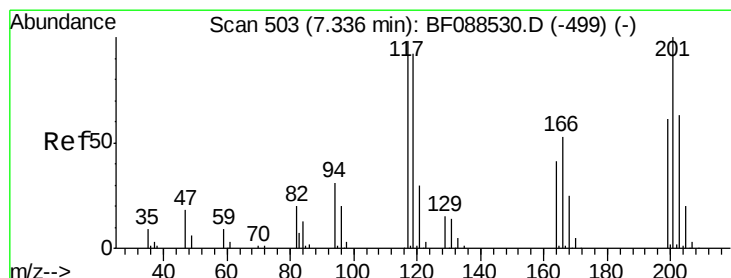
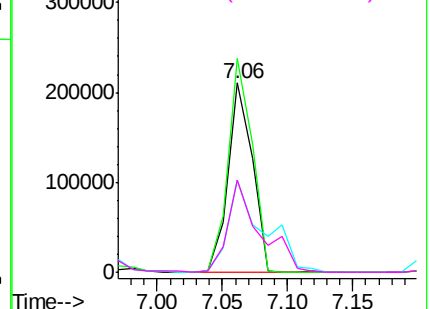
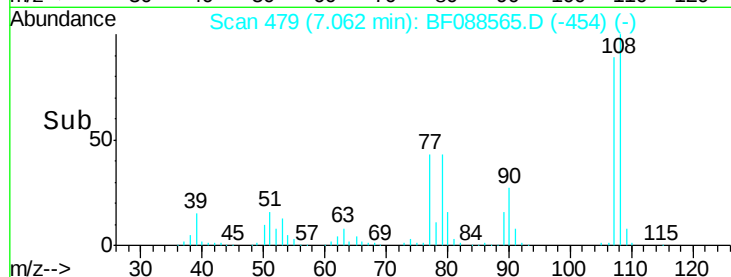


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.42 ng

RT: 7.32 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF088565.D

Acq: 1 Jul 2016 10:13

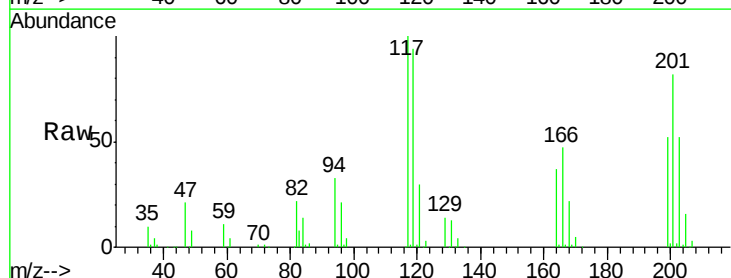
Tgt Ion:117 Resp: 142869

Ion Ratio Lower Upper

117 100

119 93.5 77.4 116.2

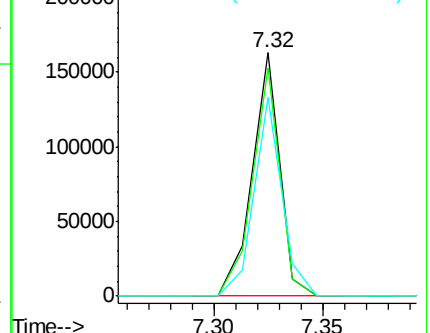
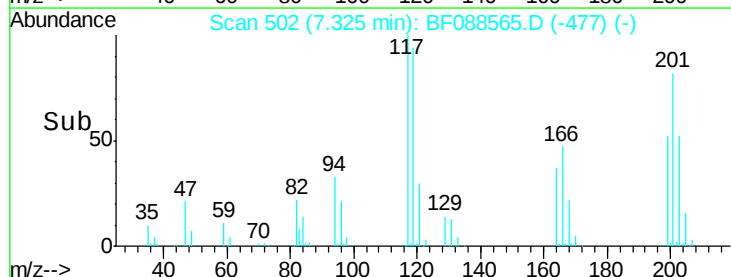
201 81.8 80.4 120.6

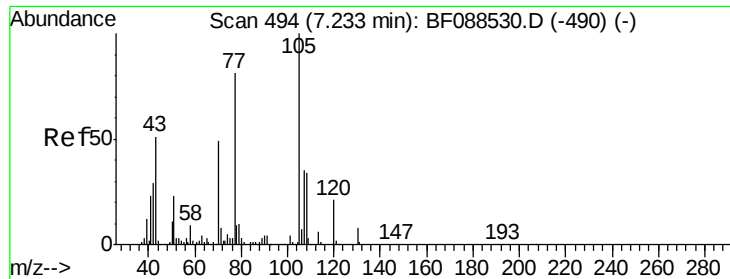


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

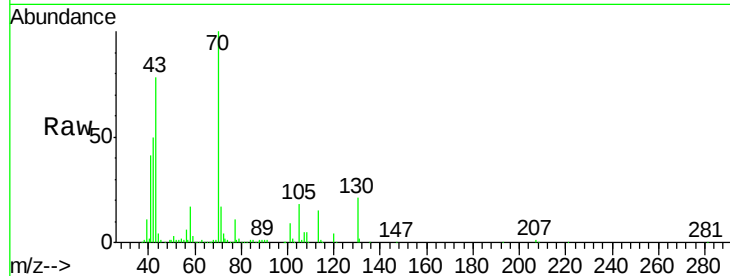




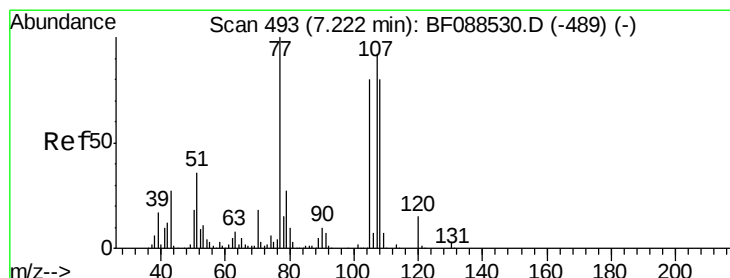
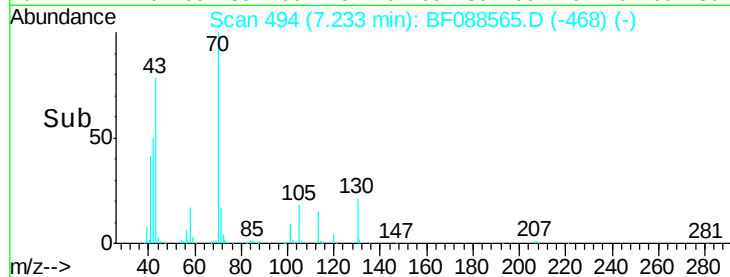
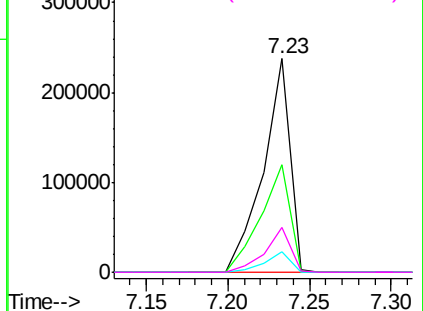
#19
n-Nitroso-di-n-propylamine
Concen: 38.35 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.00 min
Lab File: BF088565.D
Acq: 1 Jul 2016 10:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 272579
Ion Ratio Lower Upper
70 100
42 50.2 49.6 74.4
101 9.4 7.1 10.7
130 21.0 15.4 23.2

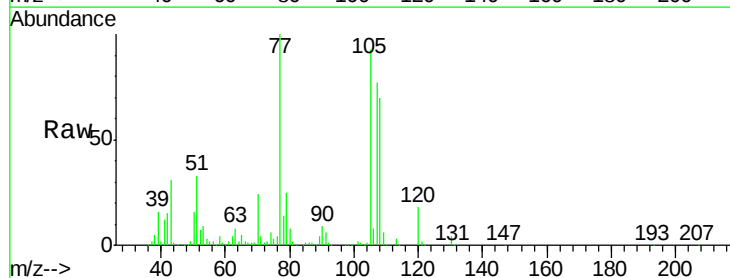


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

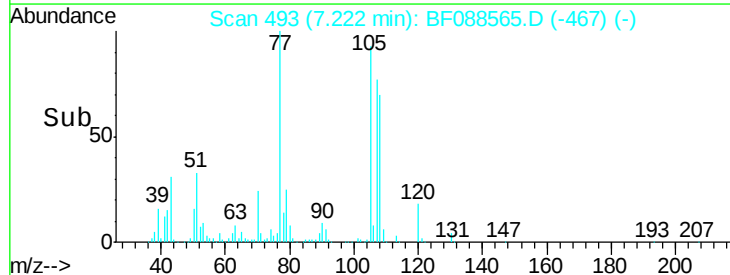
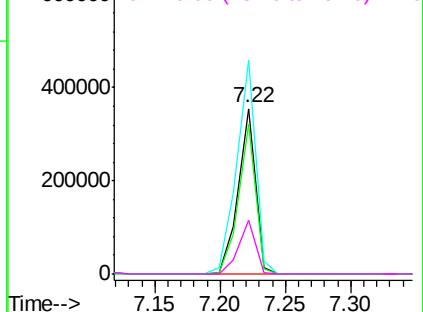


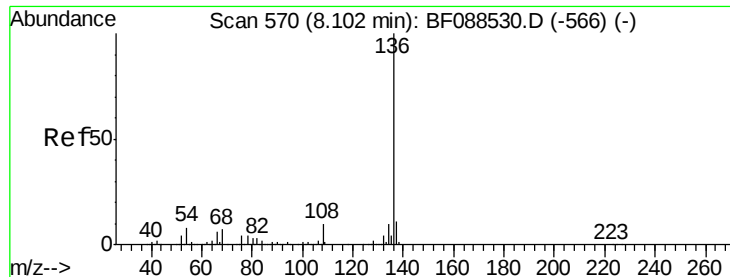
#20
3+4-Methylphenols
Concen: 37.72 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.00 min
Lab File: BF088565.D
Acq: 1 Jul 2016 10:13

Tgt Ion:107 Resp: 325012
Ion Ratio Lower Upper
107 100
108 90.7 67.8 107.8
77 129.3 59.3 99.3#
79 32.4 7.0 47.0



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF088565.D

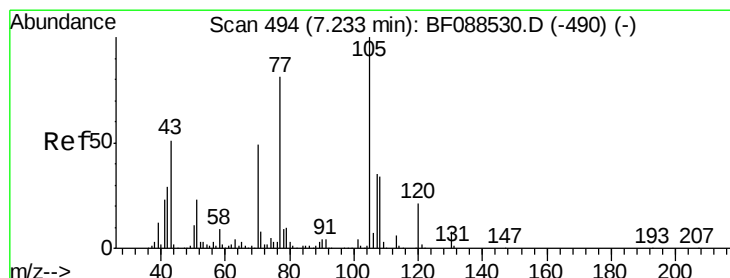
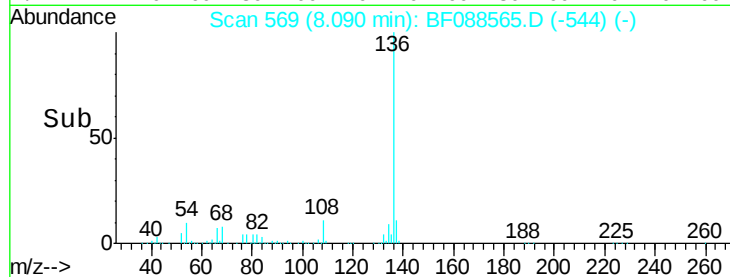
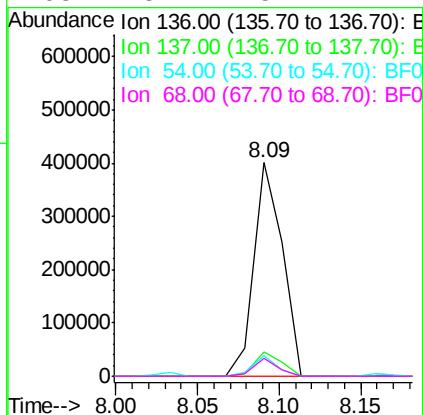
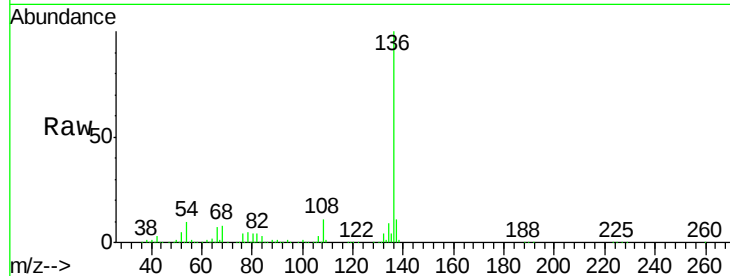
Acq: 1 Jul 2016 10:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	484334
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.1 13.7
54	9.8	6.6 10.0
68	8.2	5.1 7.7#



#22

Acetophenone

Concen: 37.67 ng

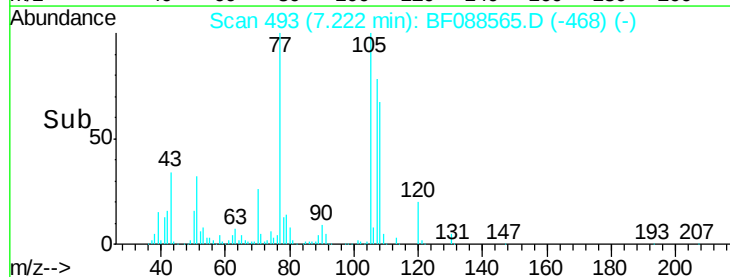
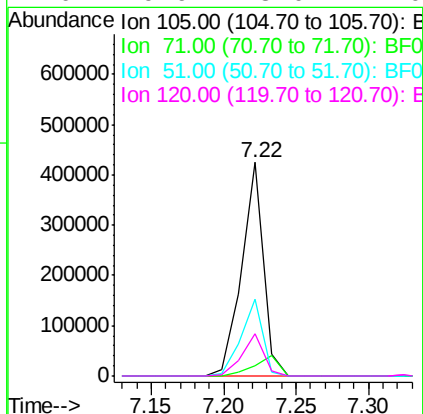
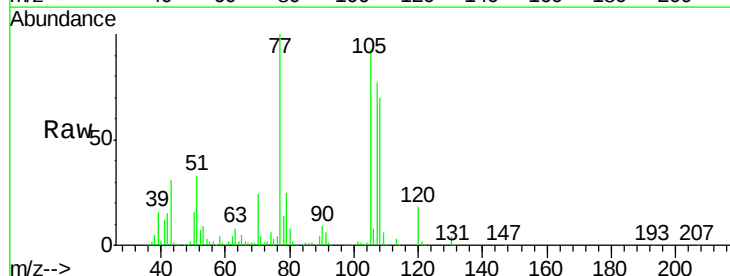
RT: 7.22 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF088565.D

Acq: 1 Jul 2016 10:13

Tgt Ion:105	Resp:	442792
Ion Ratio	Lower	Upper
105	100	
71	4.5	5.3 7.9#
51	35.8	18.2 27.4#
120	19.9	18.0 27.0

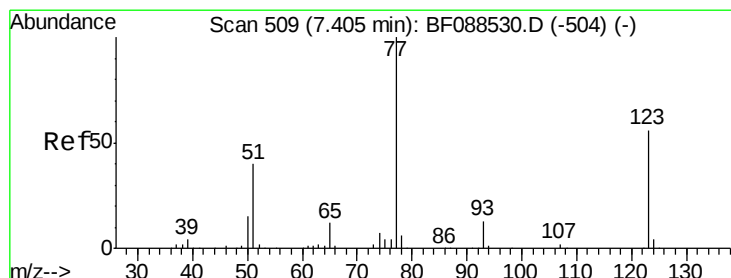
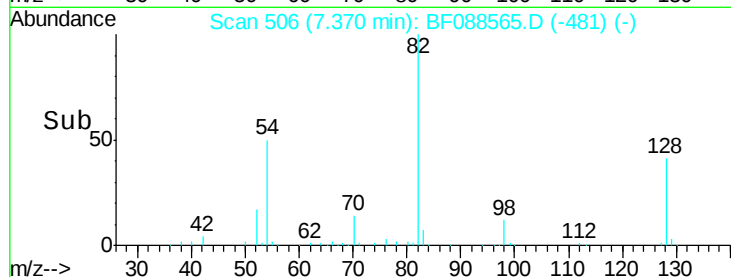
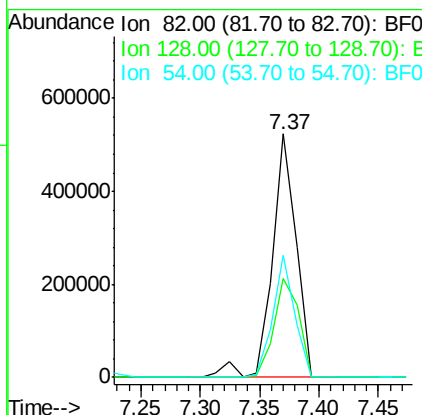
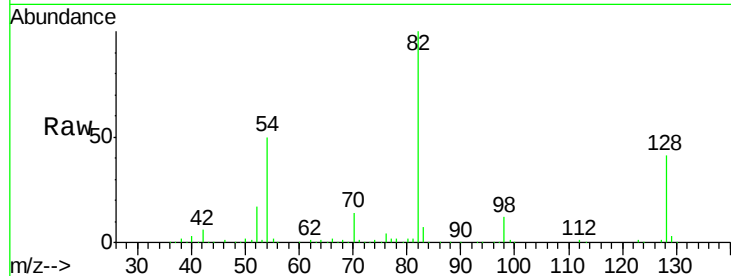




#23
 Nitrobenzene-d5
 Concen: 78.73 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF088565.D
 Acq: 1 Jul 2016 10:13

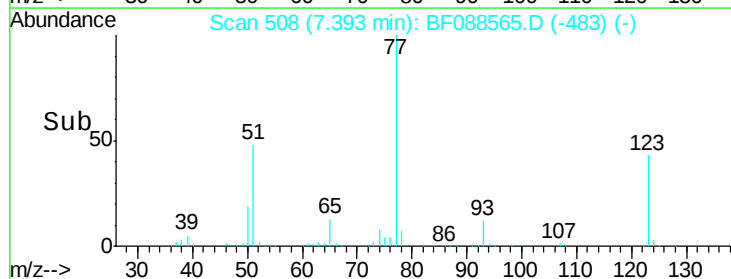
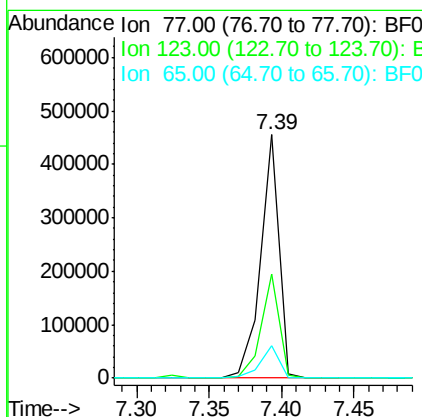
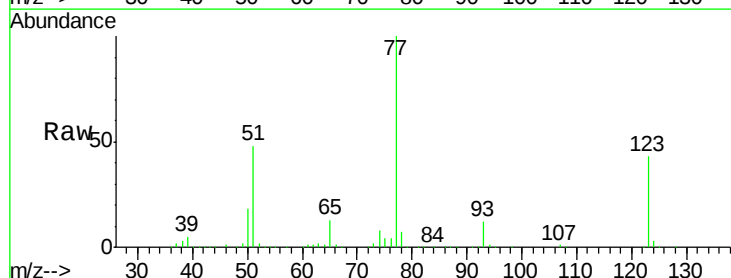
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 727635
 Ion Ratio Lower Upper
 82 100
 128 40.8 35.9 53.9
 54 50.0 40.9 61.3



#24
 Nitrobenzene
 Concen: 42.97 ng
 RT: 7.39 min Scan# 508
 Delta R.T. -0.01 min
 Lab File: BF088565.D
 Acq: 1 Jul 2016 10:13

Tgt Ion: 77 Resp: 400428
 Ion Ratio Lower Upper
 77 100
 123 42.9 45.0 67.4#
 65 13.2 10.2 15.2





#25

Isophorone

Concen: 38.29 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF088565.D

Acq: 1 Jul 2016 10:13

Instrument :

BNA_F

ClientSampleId :

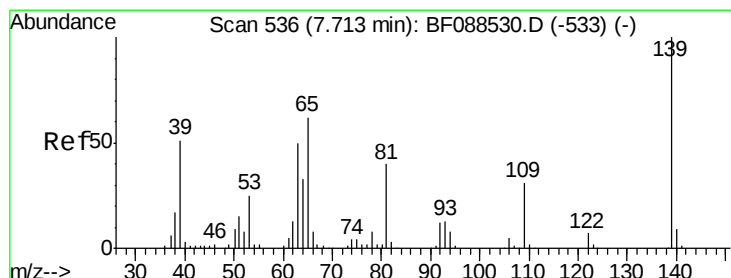
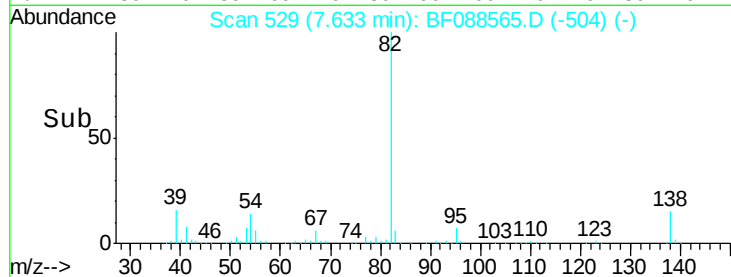
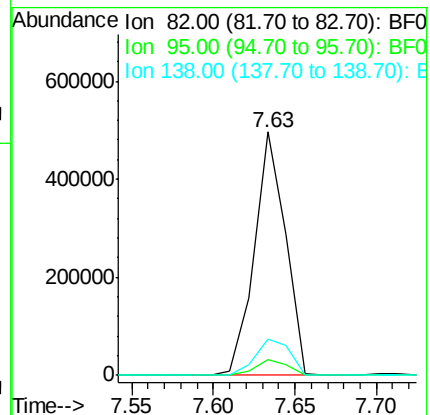
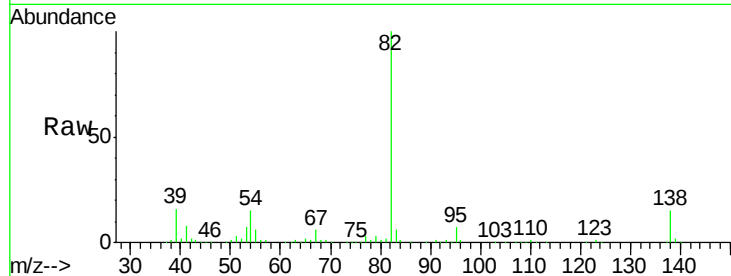
Tot Ion: 82 Resp: 655456

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

138 15.0 14.6 21.8



#26

2-Nitrophenol

Concen: 47.39 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF088565.D

Acq: 1 Jul 2016 10:13

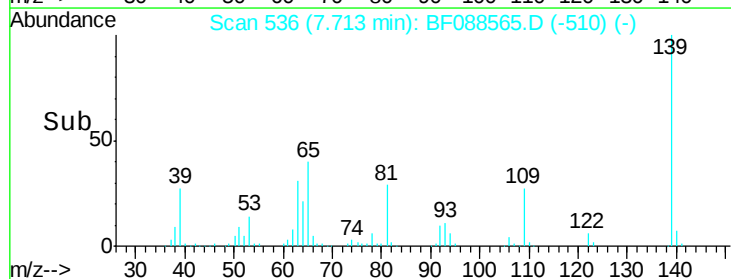
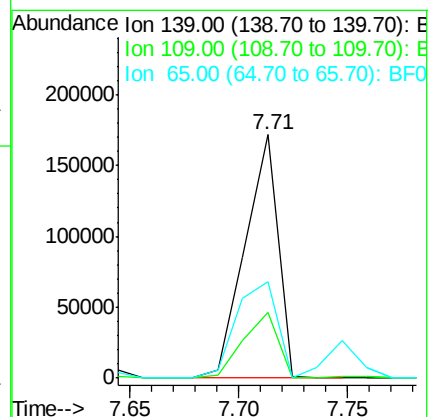
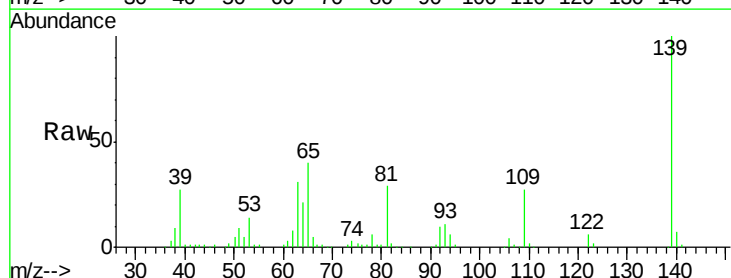
Tgt Ion: 139 Resp: 181085

Ion Ratio Lower Upper

139 100

109 27.1 23.0 34.4

65 39.7 45.8 68.8#

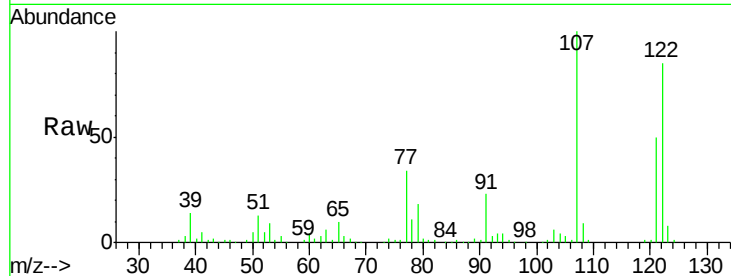




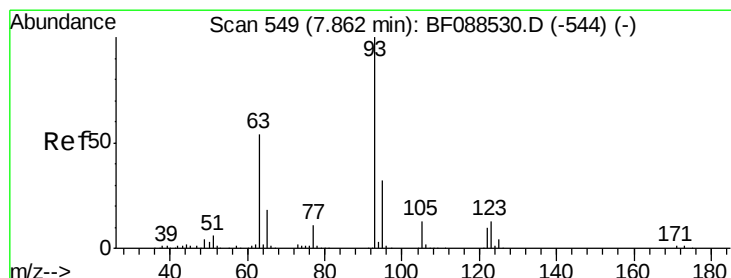
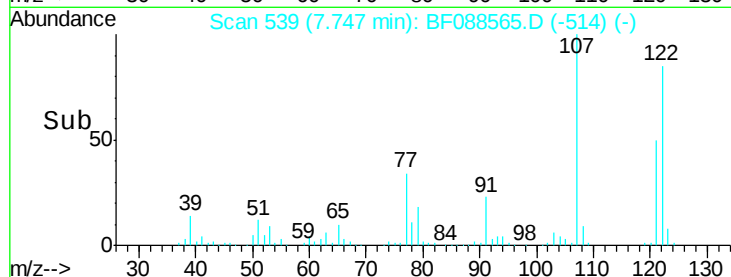
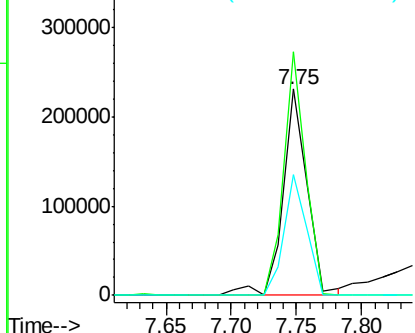
#27
2,4-Dimethylphenol
Concen: 37.86 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF088565.D
Acq: 1 Jul 2016 10:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 301330
Ion Ratio Lower Upper
122 100
107 118.2 82.4 123.6
121 58.8 46.3 69.5

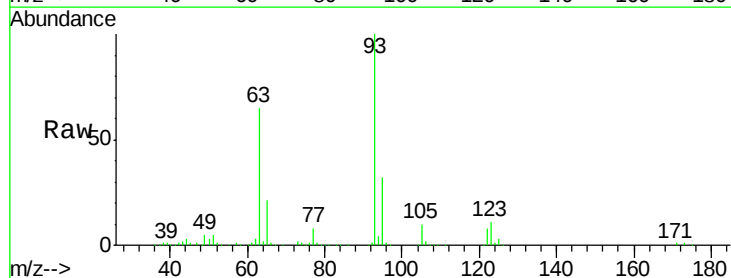


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

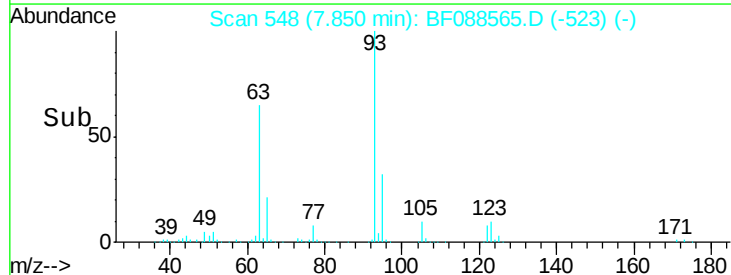
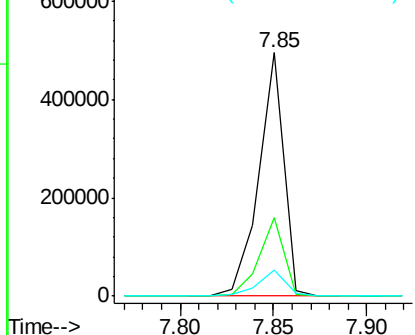


#28
bis(2-Chloroethoxy)methane
Concen: 40.91 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF088565.D
Acq: 1 Jul 2016 10:13

Tgt Ion: 93 Resp: 455829
Ion Ratio Lower Upper
93 100
95 32.2 26.5 39.7
123 10.6 11.6 17.4#



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

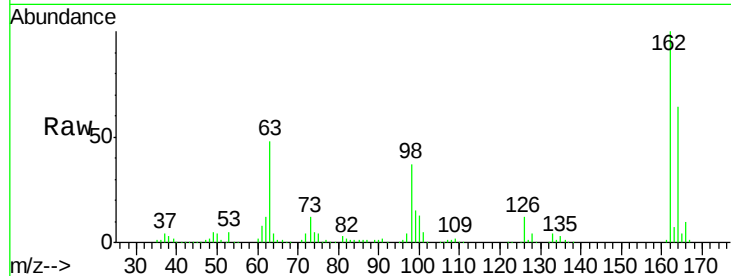




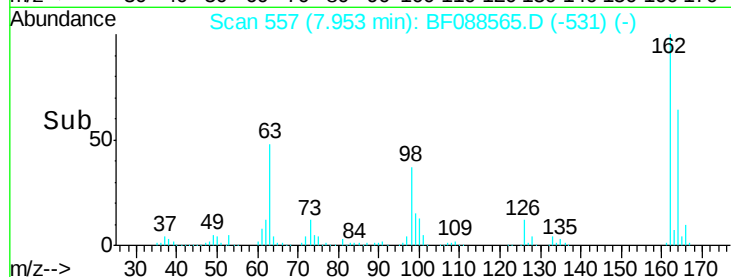
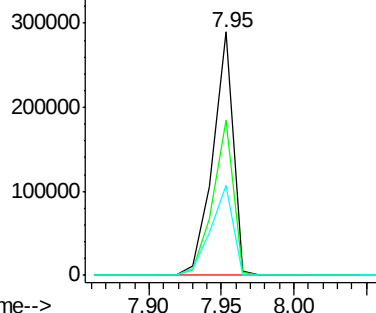
#29
 2,4-Dichlorophenol
 Concen: 44.15 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: BF088565.D
 Acq: 1 Jul 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.8	83.8
98	36.8	21.3	61.3

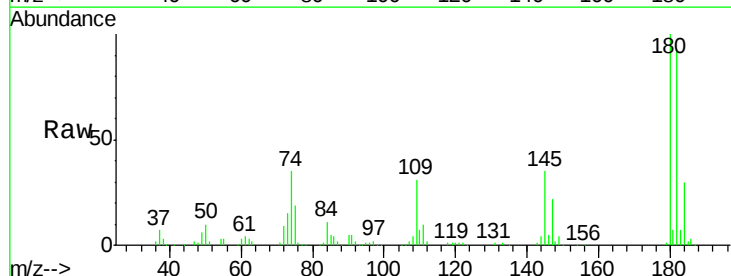


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

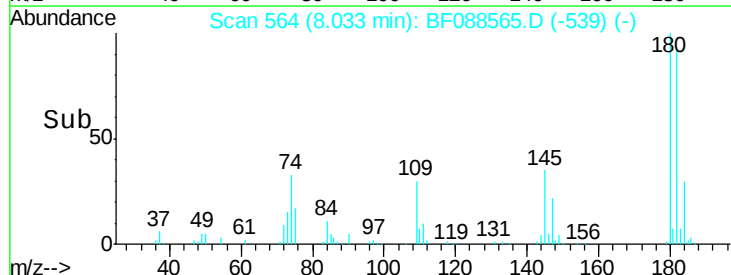
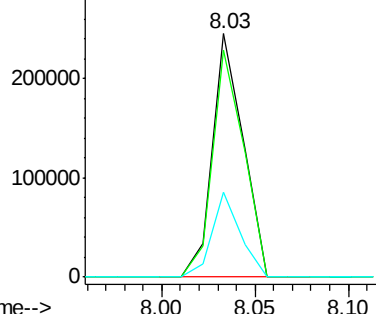


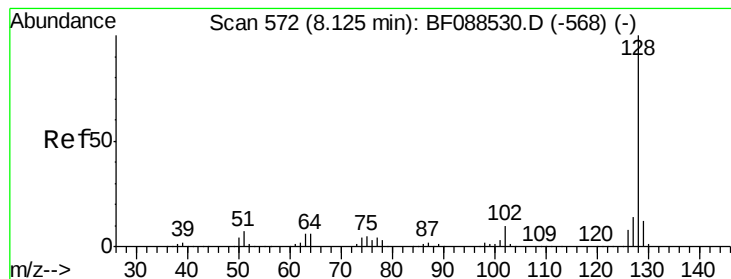
#30
 1,2,4-Trichlorobenzene
 Concen: 39.55 ng
 RT: 8.03 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: BF088565.D
 Acq: 1 Jul 2016 10:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	76.0	114.0
145	34.9	26.5	39.7



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: 38.30 ng

RT: 8.11 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF088565.D

Acq: 1 Jul 2016 10:13

Instrument :

BNA_F

ClientSampleId :

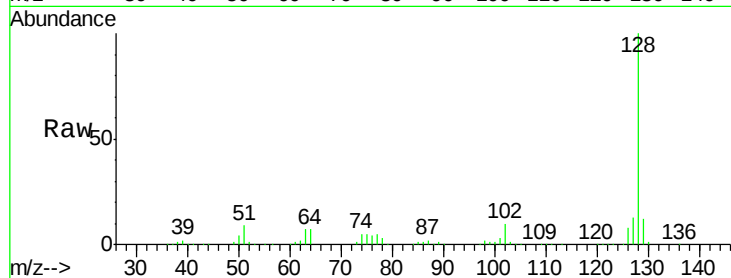
Tot Ion:128 Resp: 914392

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.2

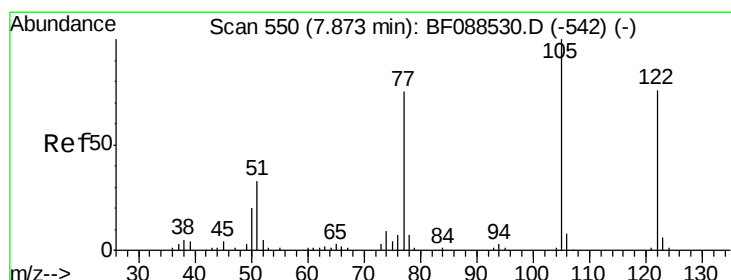
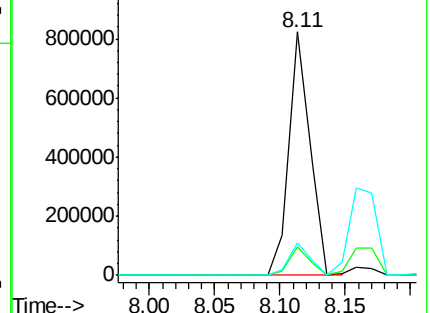
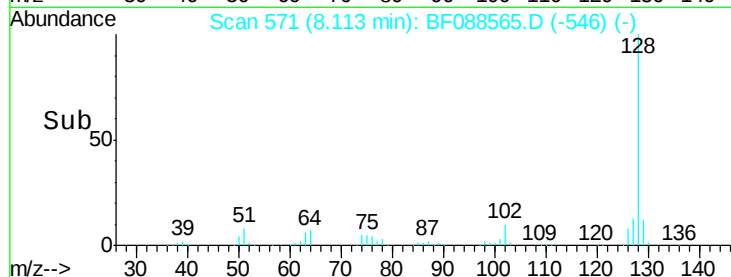
127 13.5 10.9 16.3



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: 27.36 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF088565.D

Acq: 1 Jul 2016 10:13

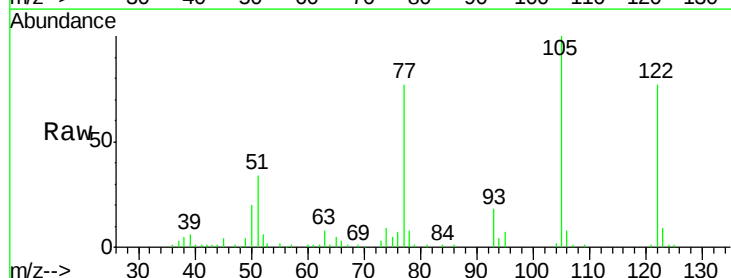
Tgt Ion:122 Resp: 158089

Ion Ratio Lower Upper

122 100

105 129.2 101.6 141.6

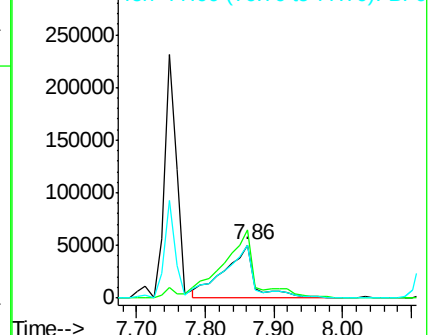
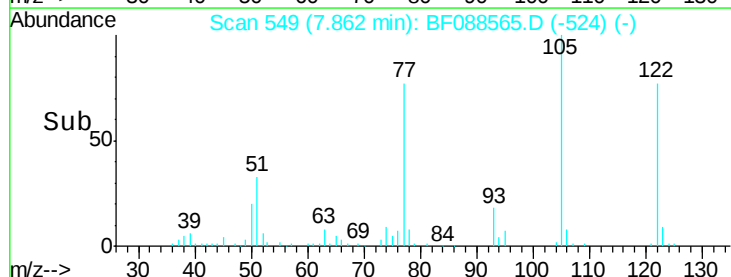
77 99.3 70.6 110.6



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

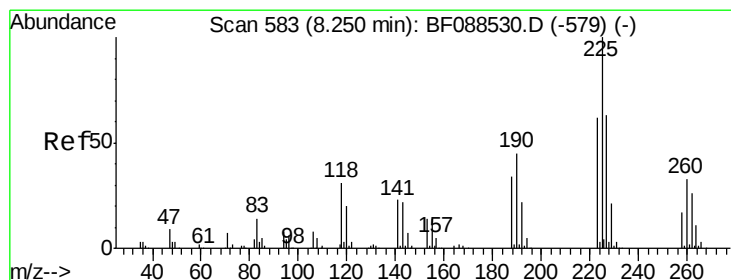
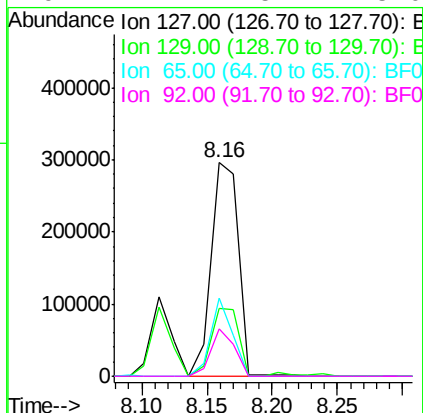
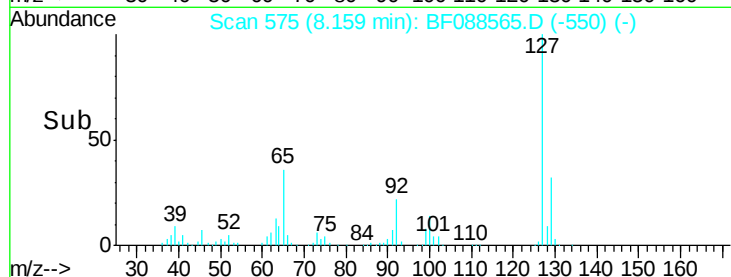
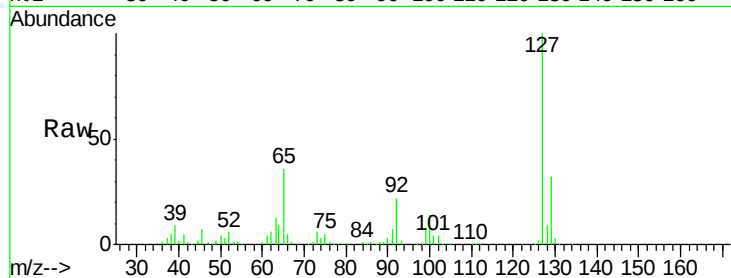




#33
4-Chloroaniline
Concen: 40.49 ng
RT: 8.16 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF088565.D
Acq: 1 Jul 2016 10:13

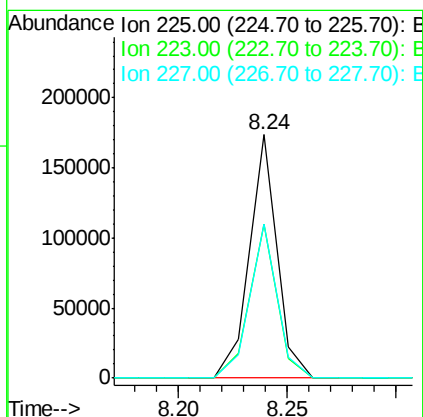
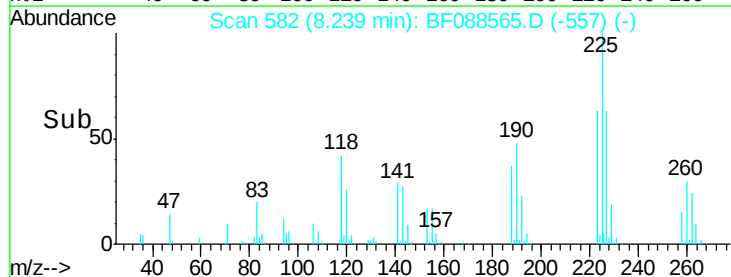
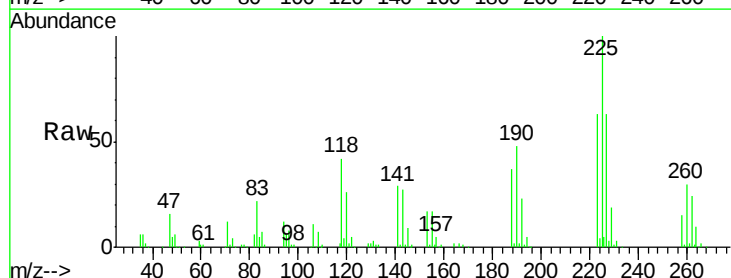
Instrument :
BNA_F
ClientSampleId :

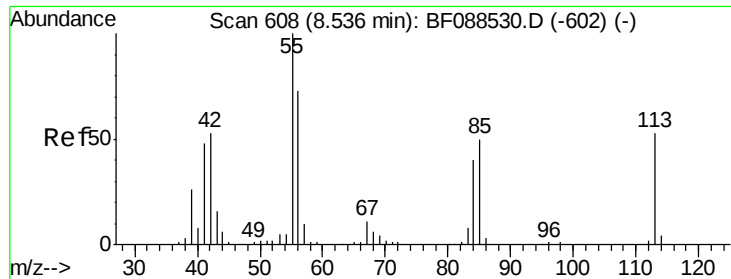
Tot Ion:	127	Resp:	430200
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.3	39.5
65	36.4	24.7	37.1
92	22.1	15.4	23.0



#34
Hexachlorobutadiene
Concen: 40.64 ng
RT: 8.24 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF088565.D
Acq: 1 Jul 2016 10:13

Tgt Ion:	225	Resp:	153599
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.9	76.3
227	63.4	51.9	77.9

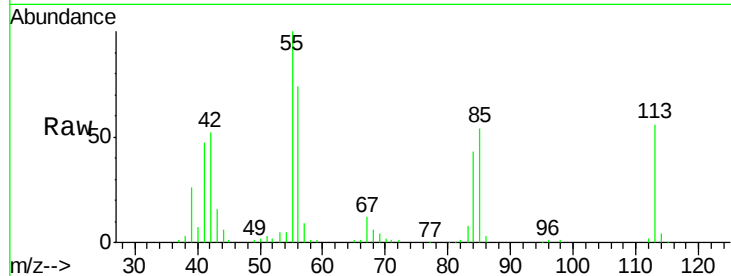




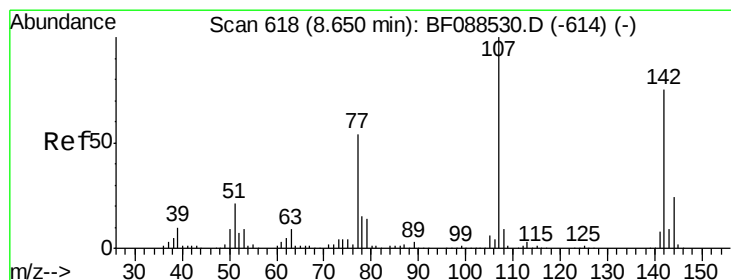
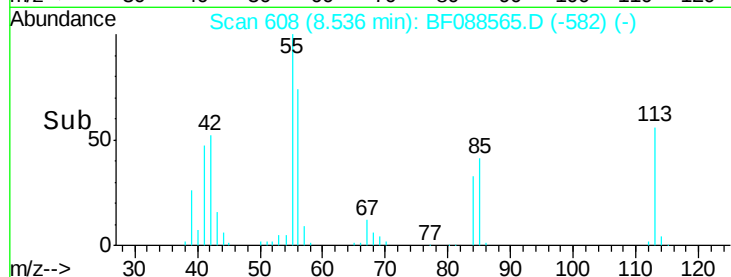
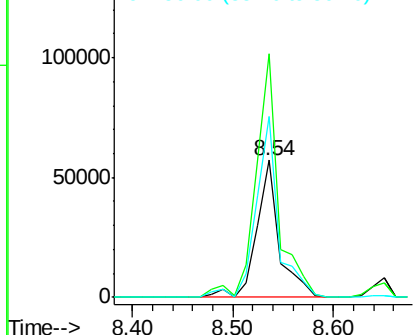
#35
Caprolactam
Concen: 40.48 ng
RT: 8.54 min Scan# 608
Delta R.T. -0.00 min
Lab File: BF088565.D
Acq: 1 Jul 2016 10:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 88431
Ion Ratio Lower Upper
113 100
55 177.6 158.6 198.6
56 132.1 110.6 150.6

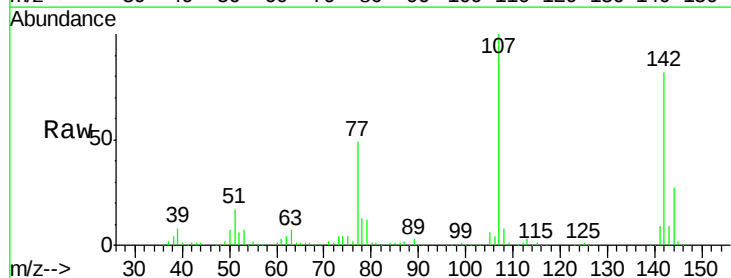


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

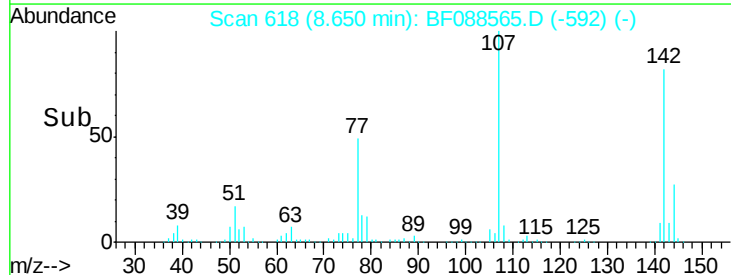
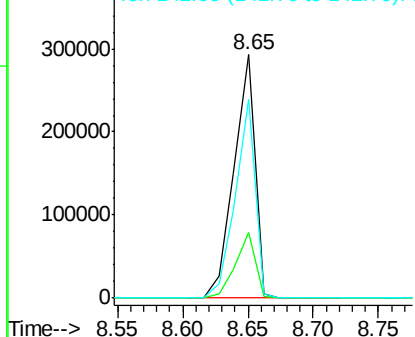


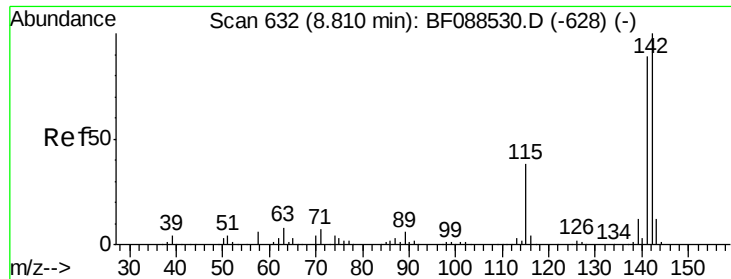
#36
4-Chloro-3-methylphenol
Concen: 42.97 ng
RT: 8.65 min Scan# 618
Delta R.T. -0.00 min
Lab File: BF088565.D
Acq: 1 Jul 2016 10:13

Tgt Ion:107 Resp: 326836
Ion Ratio Lower Upper
107 100
144 27.1 20.8 31.2
142 81.9 63.4 95.2



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

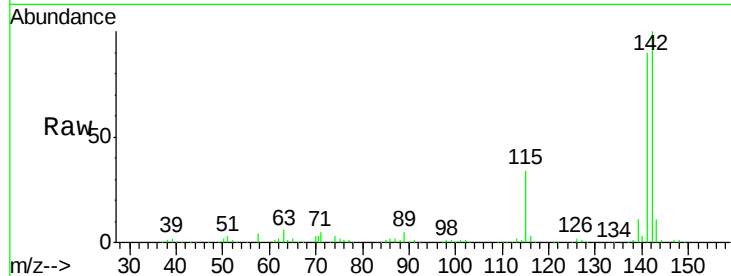




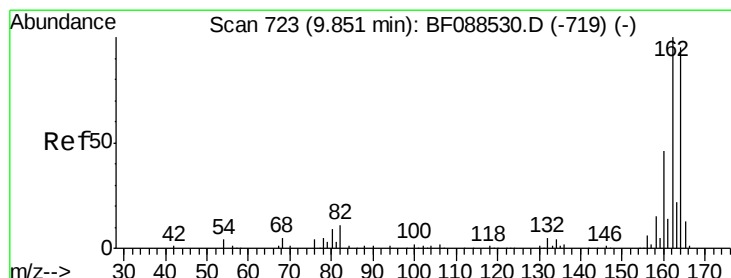
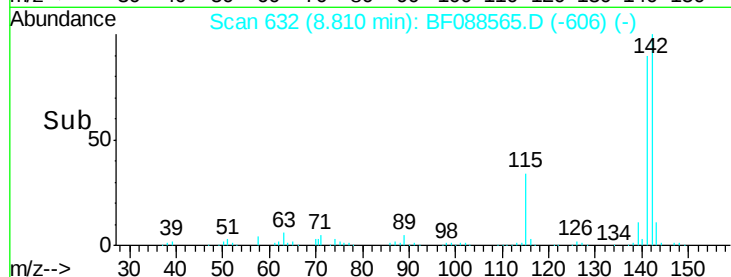
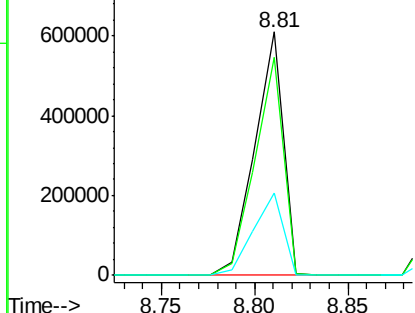
#37
 2-Methylnaphthalene
 Concen: 41.85 ng
 RT: 8.81 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: BF088565.D
 Acq: 1 Jul 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 643461
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.0 106.6
 115 33.8 22.6 33.8#

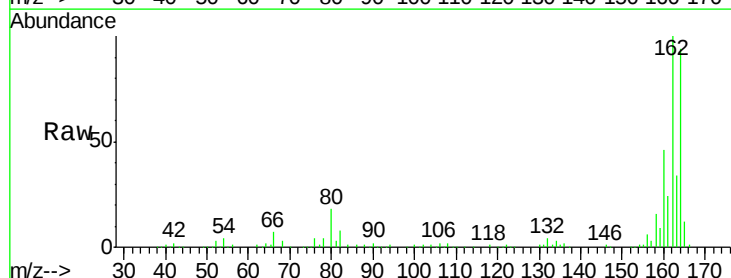


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

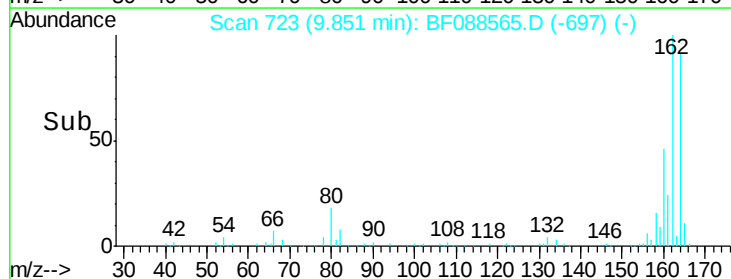
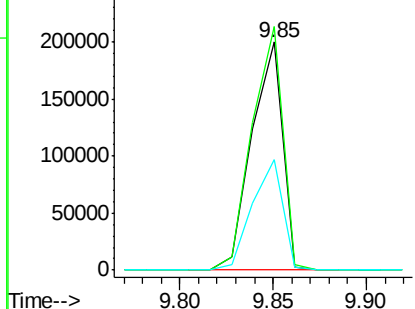


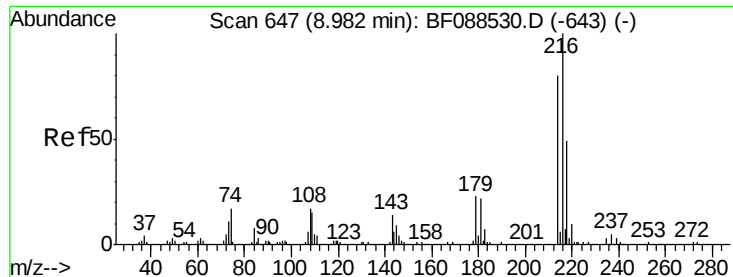
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BF088565.D
 Acq: 1 Jul 2016 10:13

Tgt Ion:164 Resp: 232092
 Ion Ratio Lower Upper
 164 100
 162 106.7 85.4 128.2
 160 48.7 39.5 59.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.06 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF088565.D

Acq: 1 Jul 2016 10:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 286053

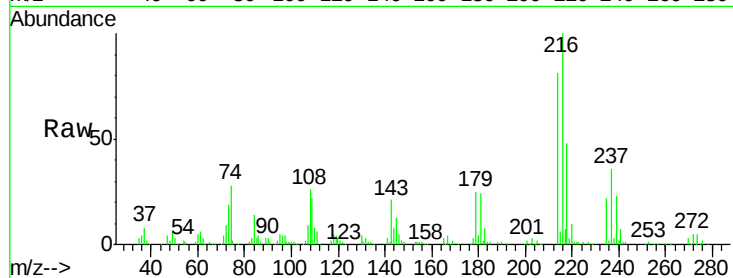
Ion Ratio Lower Upper

216 100

214 79.0 2.9 4.3#

179 22.6 0.0 0.0#

108 22.2 0.5 0.7#

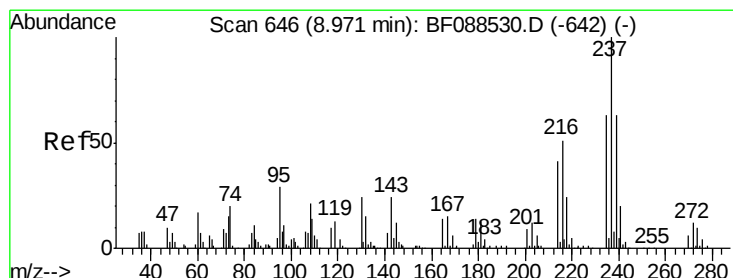
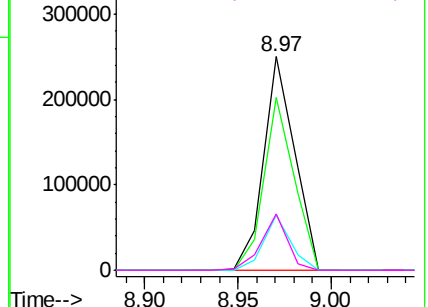
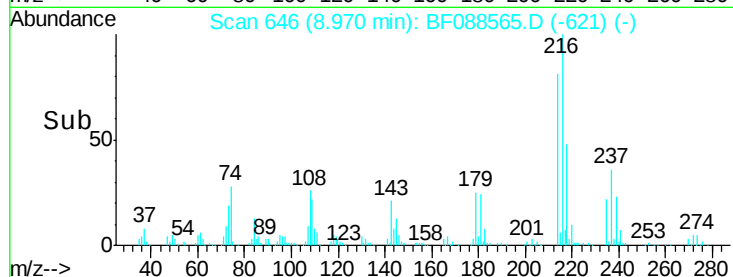


Abundance Ion 216.00 (215.70 to 216.70): E

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: 34.61 ng

RT: 8.96 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF088565.D

Acq: 1 Jul 2016 10:13

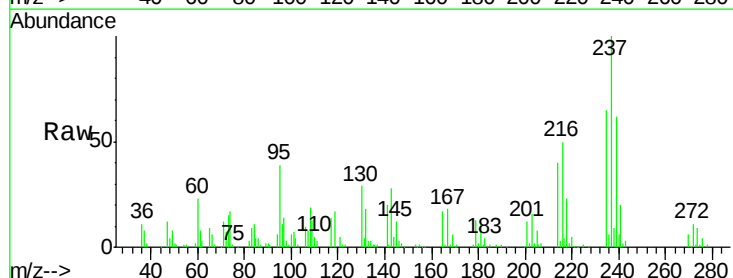
Tgt Ion:237 Resp: 131120

Ion Ratio Lower Upper

237 100

235 65.0 43.4 83.4

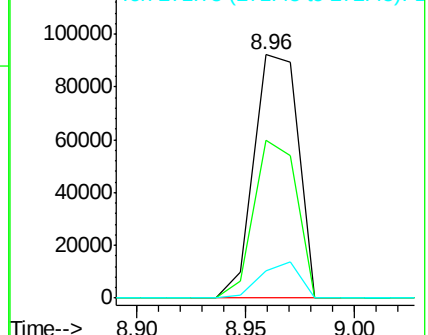
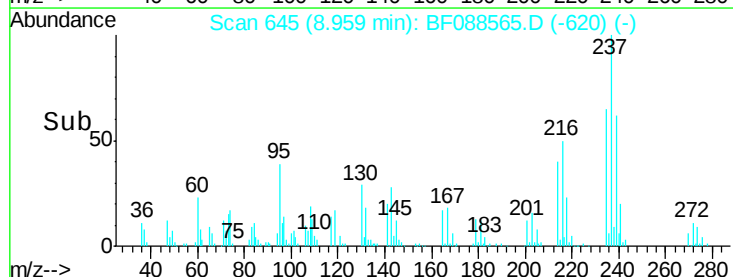
272 11.5 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

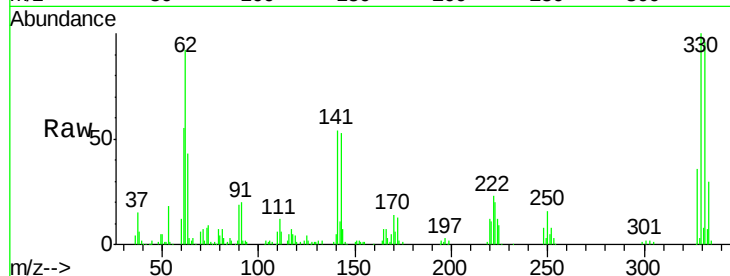




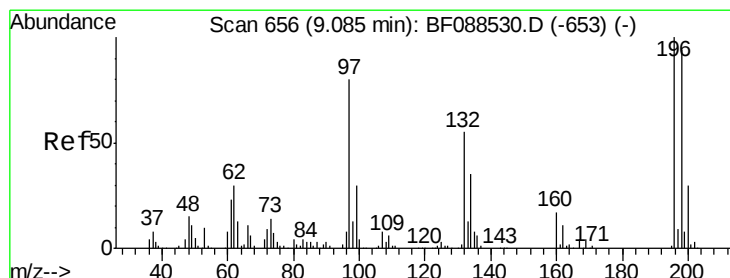
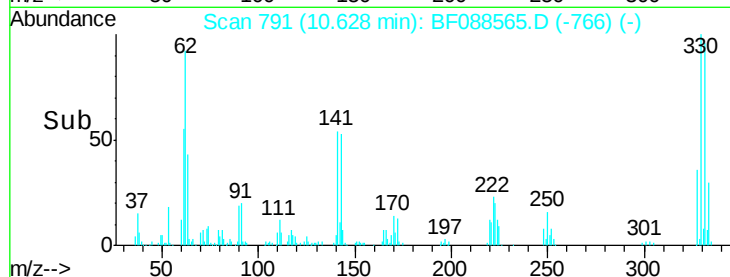
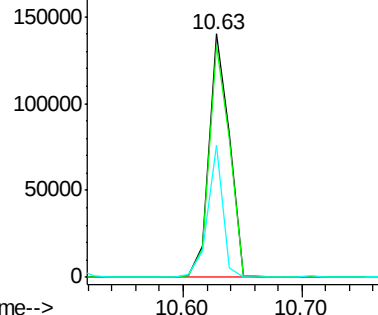
#41
 2,4,6-Tribromophenol
 Concen: 77.81 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF088565.D
 Acq: 1 Jul 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 167702
 Ion Ratio Lower Upper
 330 100
 332 95.6 0.0 0.0#
 141 40.1 0.0 0.0#

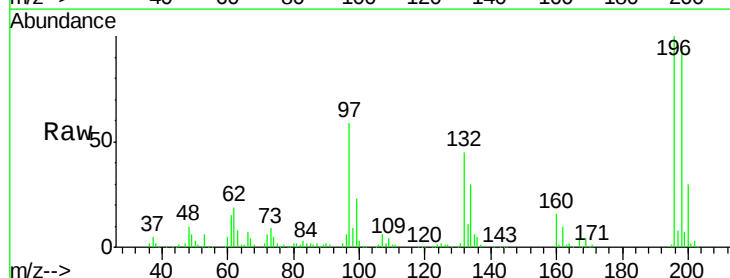


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

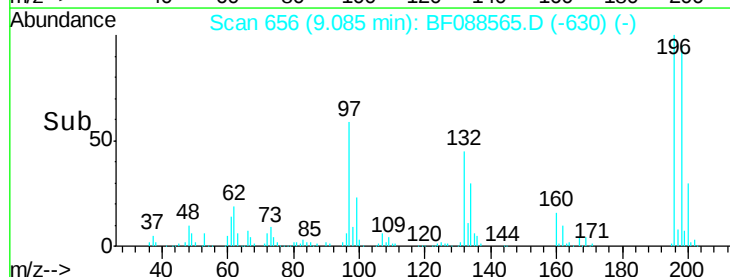
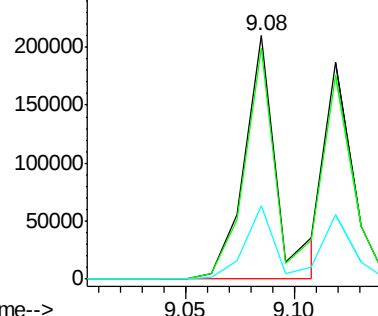


#42
 2,4,6-Trichlorophenol
 Concen: 43.22 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: BF088565.D
 Acq: 1 Jul 2016 10:13

Tgt Ion:196 Resp: 219986
 Ion Ratio Lower Upper
 196 100
 198 94.8 78.0 117.0
 200 30.1 25.4 38.2



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

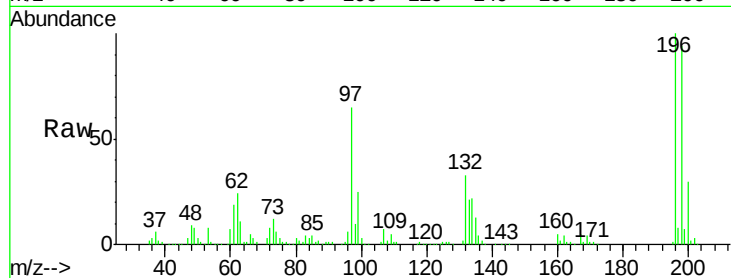




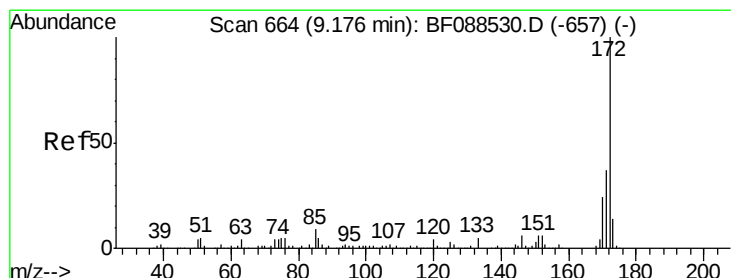
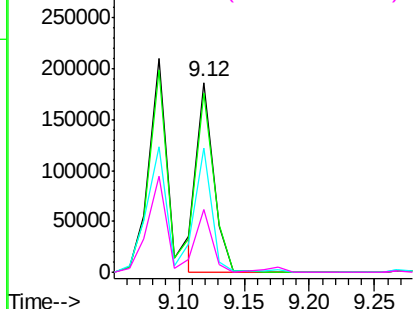
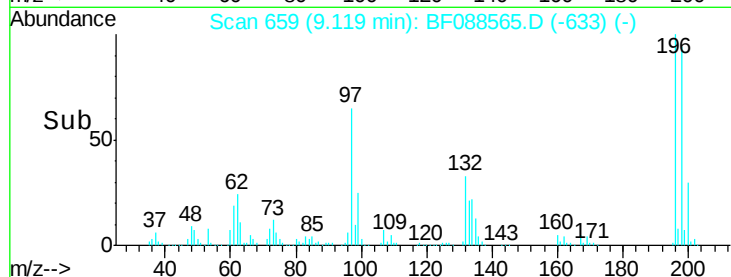
#43
 2,4,5-Trichlorophenol
 Concen: 36.95 ng
 RT: 9.12 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: BF088565.D
 Acq: 1 Jul 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 161802
 Ion Ratio Lower Upper
 196 100
 198 94.3 77.5 116.3
 97 65.3 32.0 48.0#
 132 32.7 20.9 31.3#

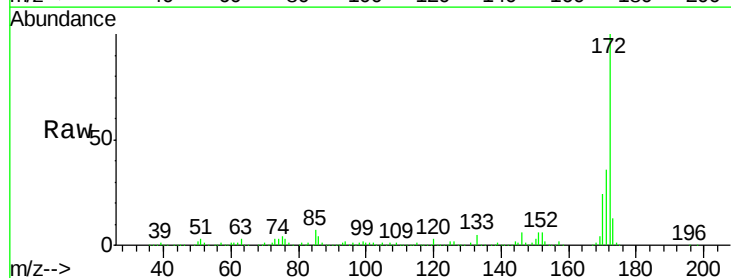


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

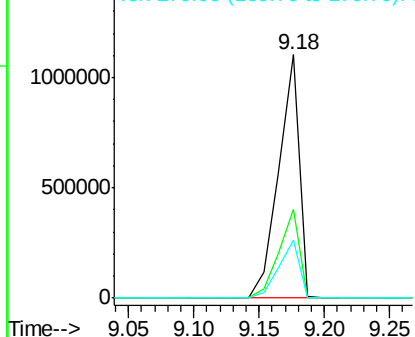
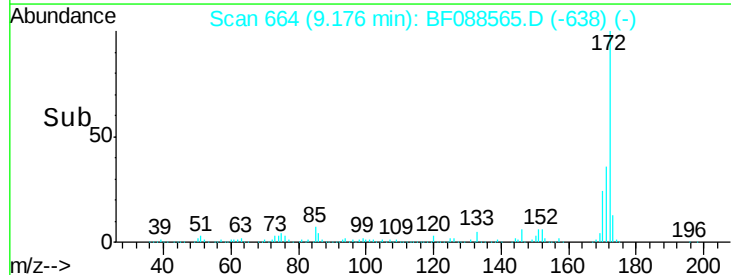


#44
 2-Fluorobiphenyl
 Concen: 83.50 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF088565.D
 Acq: 1 Jul 2016 10:13

Tgt Ion:172 Resp: 1226845
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 24.0 19.2 28.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 37.36 ng

RT: 9.27 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF088565.D

Acq: 1 Jul 2016 10:13

Instrument :

BNA_F

ClientSampleId :

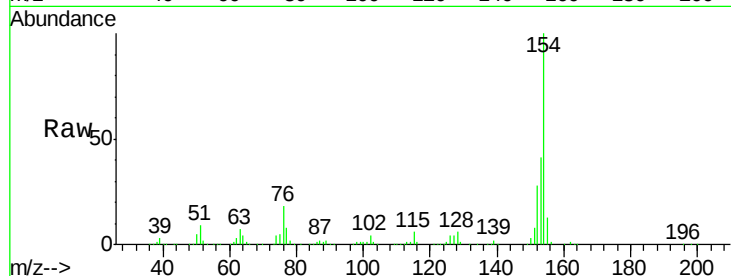
Tot Ion:154 Resp: 718043

Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

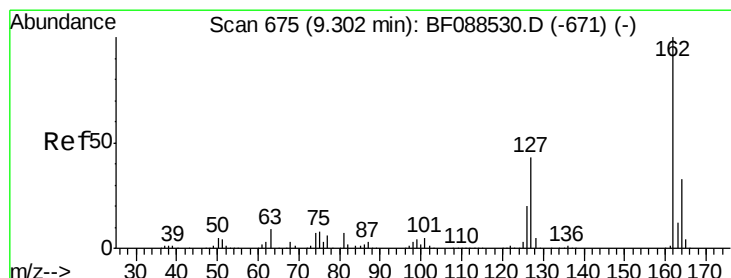
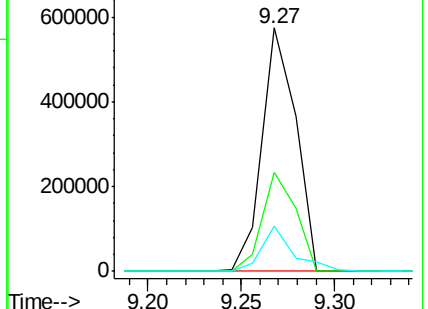
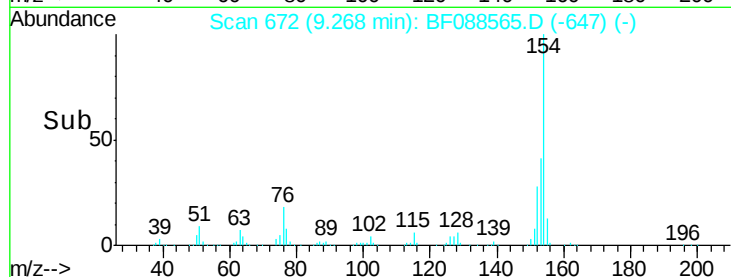
76 18.4 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 37.10 ng

RT: 9.29 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF088565.D

Acq: 1 Jul 2016 10:13

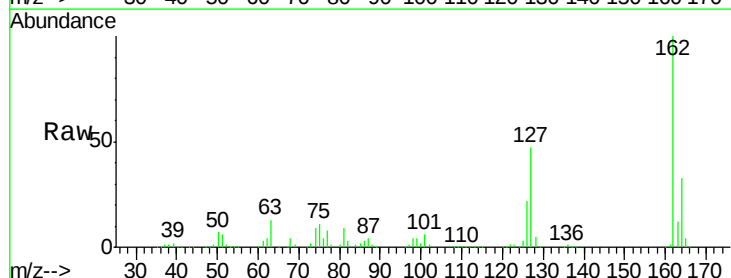
Tgt Ion:162 Resp: 559754

Ion Ratio Lower Upper

162 100

127 47.4 35.2 52.8

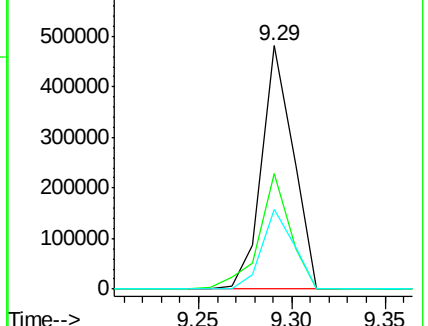
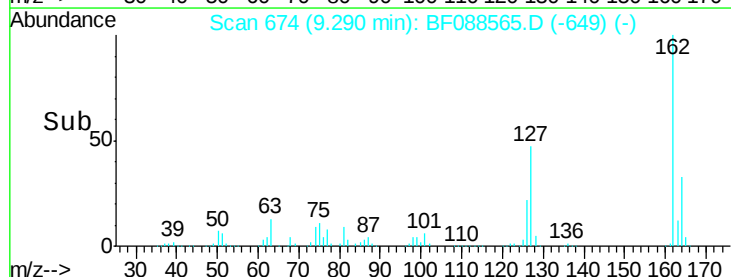
164 32.8 26.6 39.8

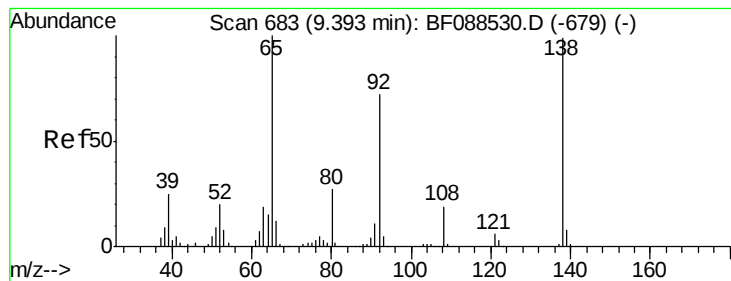


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

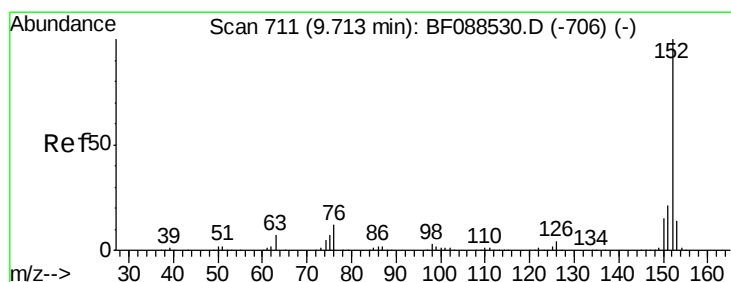
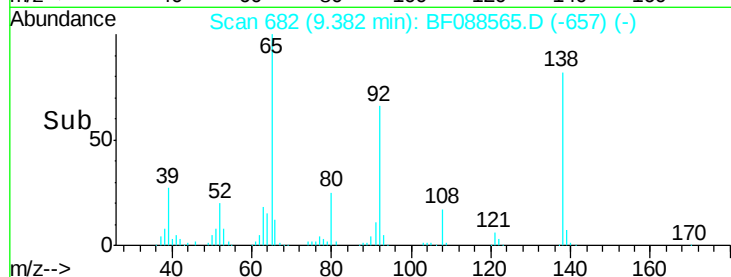
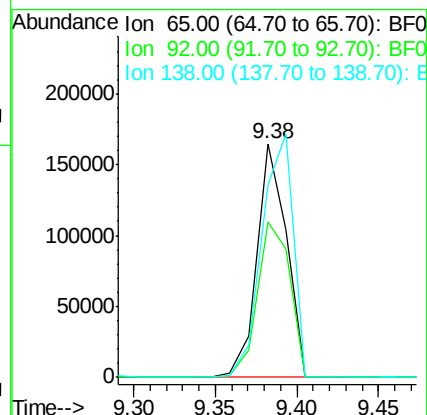
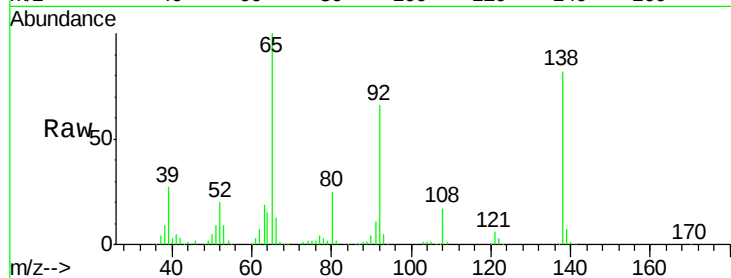




#47
 2-Nitroaniline
 Concen: 38.60 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF088565.D
 Acq: 1 Jul 2016 10:13

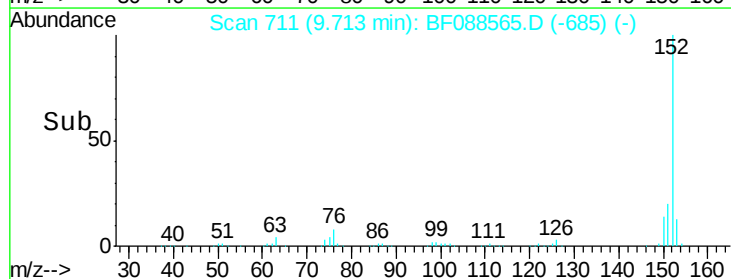
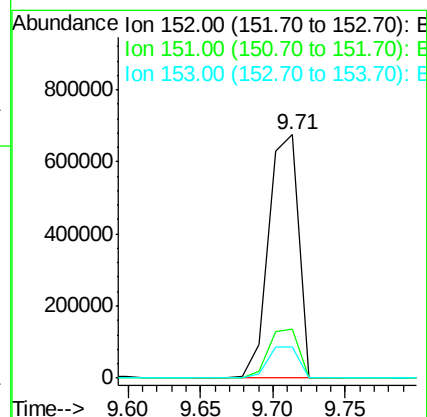
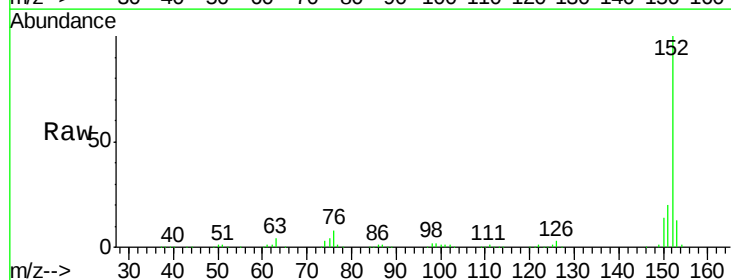
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.3	54.6	82.0
138	82.4	77.0	115.4



#48
 Acenaphthylene
 Concen: 40.10 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF088565.D
 Acq: 1 Jul 2016 10:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.4
153	12.8	11.0	16.6

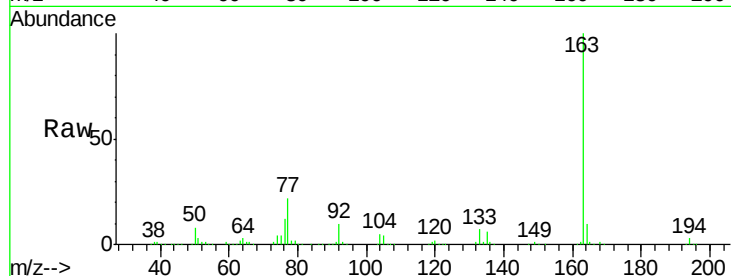




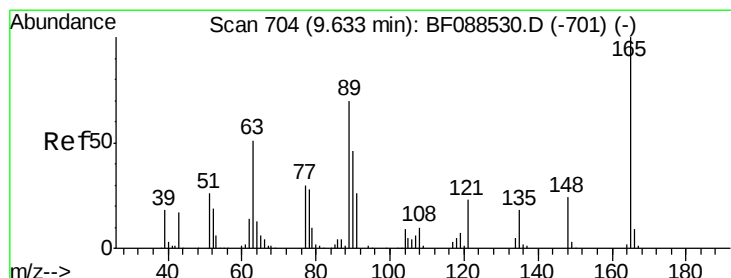
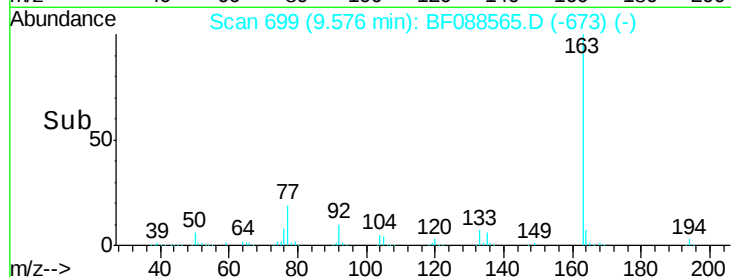
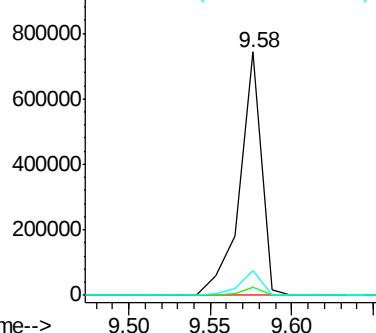
#49
Dimethylphthalate
Concen: 41.57 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF088565.D
Acq: 1 Jul 2016 10:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 687313
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.2 8.3 12.5

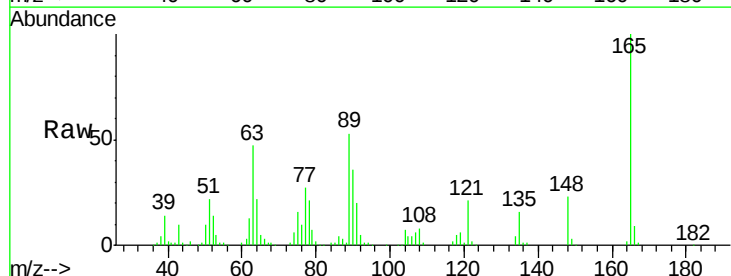


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

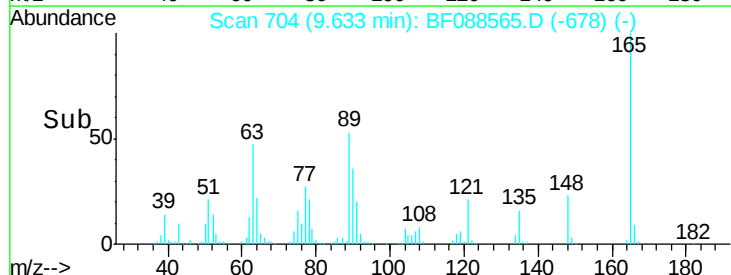
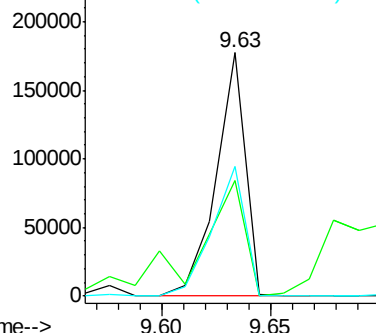


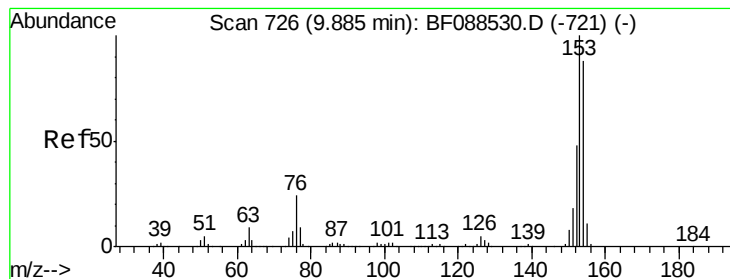
#50
2,6-Dinitrotoluene
Concen: 45.14 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF088565.D
Acq: 1 Jul 2016 10:13

Tgt Ion:165 Resp: 165428
Ion Ratio Lower Upper
165 100
63 47.3 28.1 42.1#
89 53.1 32.2 48.2#



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: 40.28 ng

RT: 9.88 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF088565.D

Acq: 1 Jul 2016 10:13

Instrument :

BNA_F

ClientSampleId :

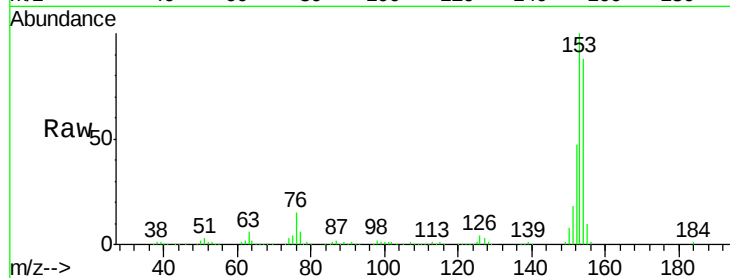
Tot Ion:154 Resp: 592690

Ion Ratio Lower Upper

154 100

153 113.7 89.5 134.3

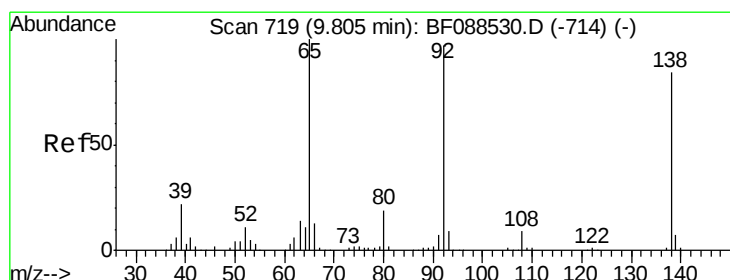
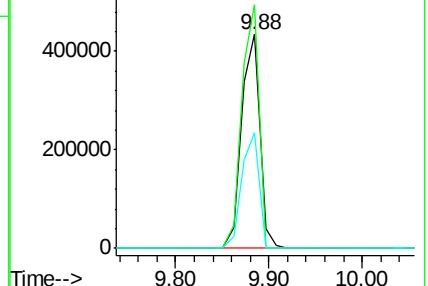
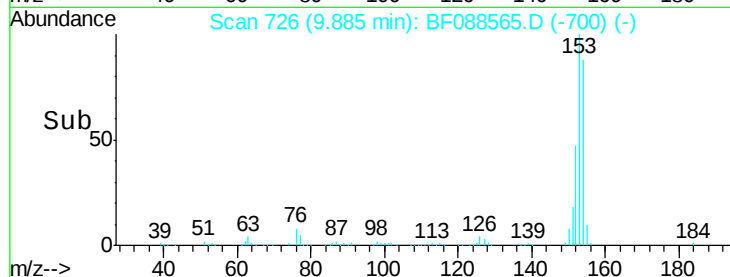
152 54.0 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.00 ng

RT: 9.79 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF088565.D

Acq: 1 Jul 2016 10:13

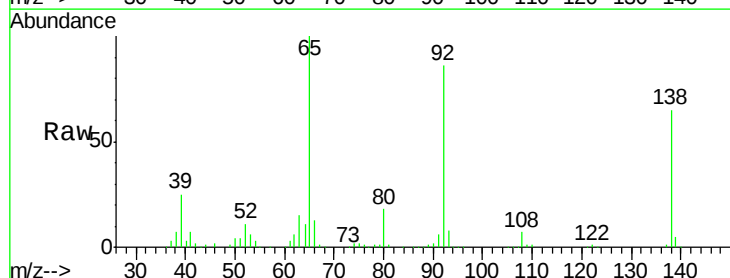
Tgt Ion:138 Resp: 177034

Ion Ratio Lower Upper

138 100

108 11.1 8.5 12.7

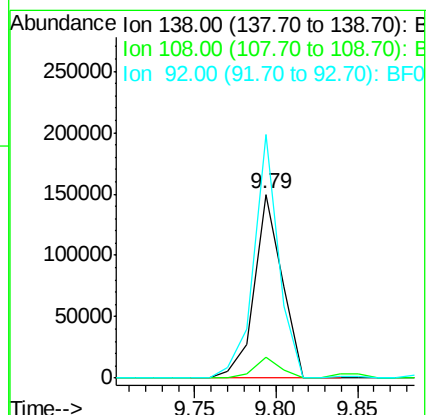
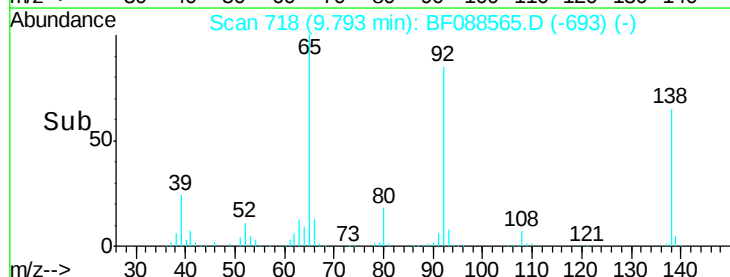
92 132.6 95.7 143.5

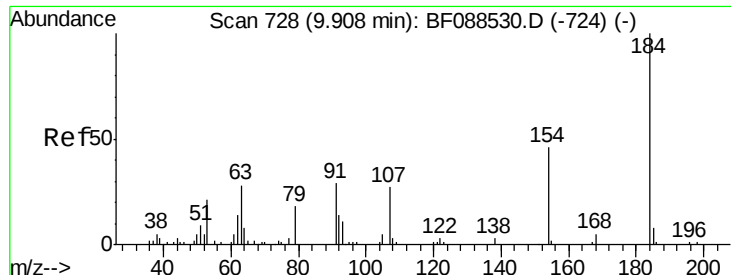


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

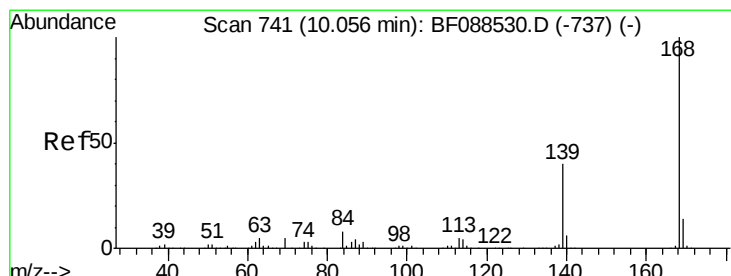
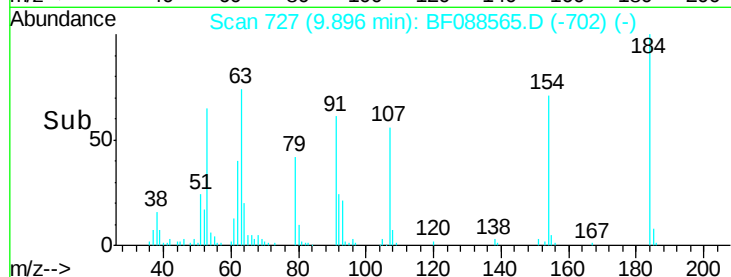
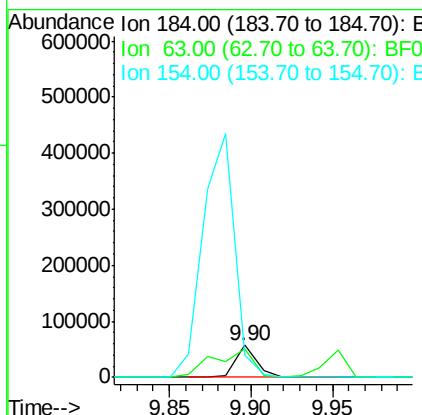
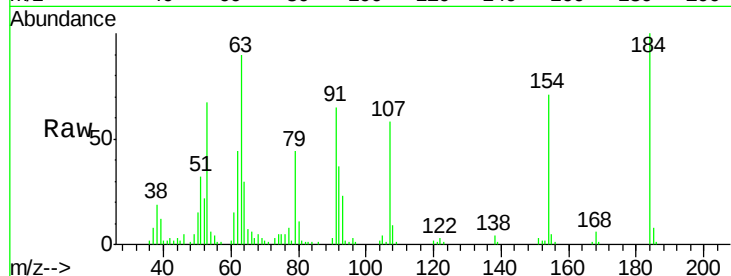




#53
2,4-Dinitrophenol
Concen: 30.66 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF088565.D
Acq: 1 Jul 2016 10:13

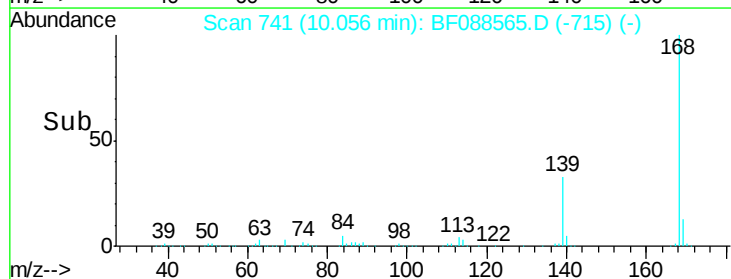
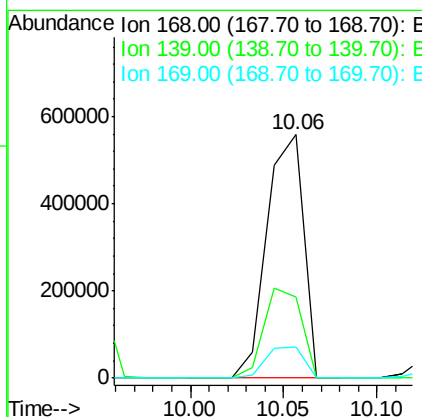
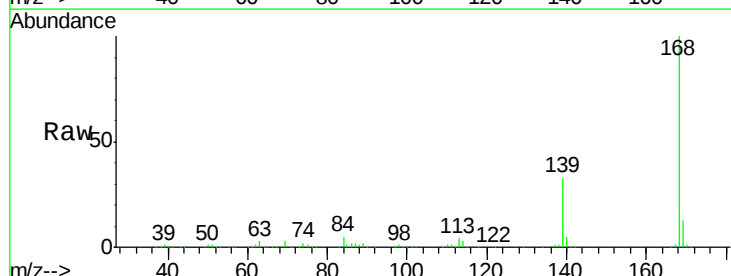
Instrument :
BNA_F
ClientSampleId :

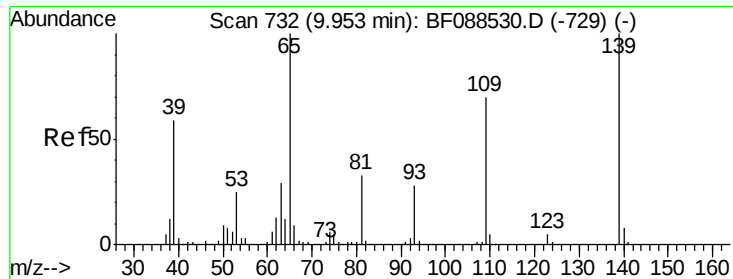
Tot Ion:184 Resp: 49611
Ion Ratio Lower Upper
184 100
63 89.9 57.6 86.4#
154 71.5 53.5 80.3



#54
Dibenzofuran
Concen: 39.49 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF088565.D
Acq: 1 Jul 2016 10:13

Tgt Ion:168 Resp: 760510
Ion Ratio Lower Upper
168 100
139 33.3 26.4 39.6
169 13.0 10.4 15.6

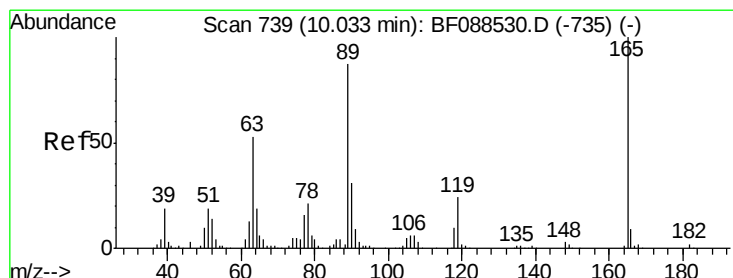
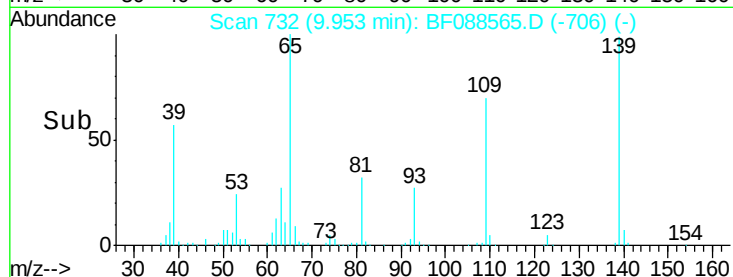
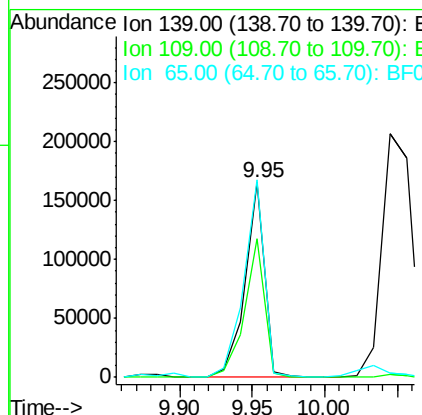
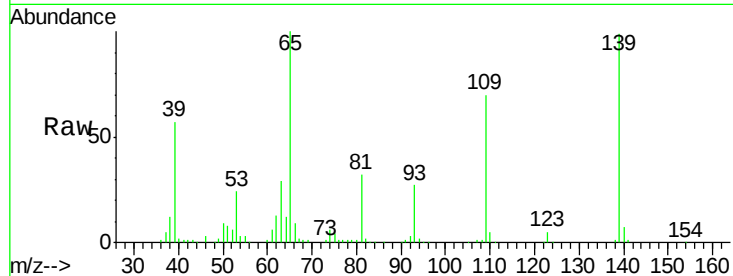




#55
4-Nitrophenol
Concen: 43.82 ng
RT: 9.95 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF088565.D
Acq: 1 Jul 2016 10:13

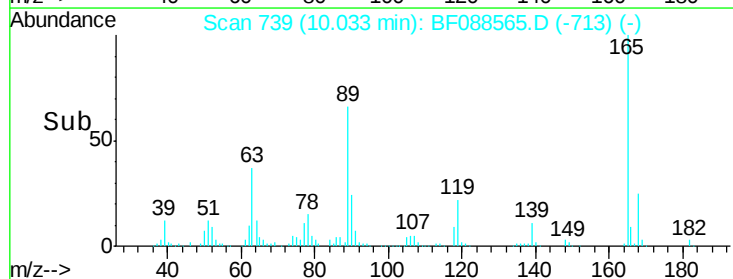
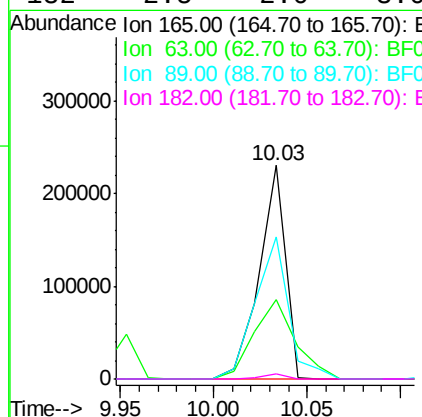
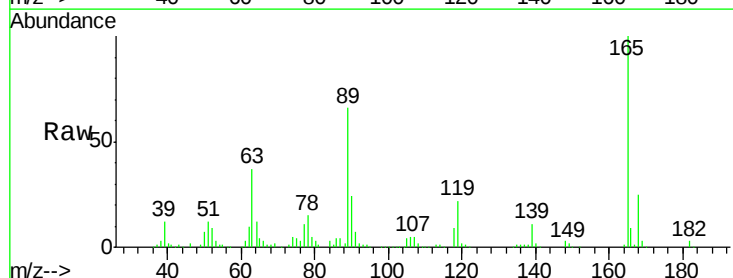
Instrument :
BNA_F
ClientSampleId :

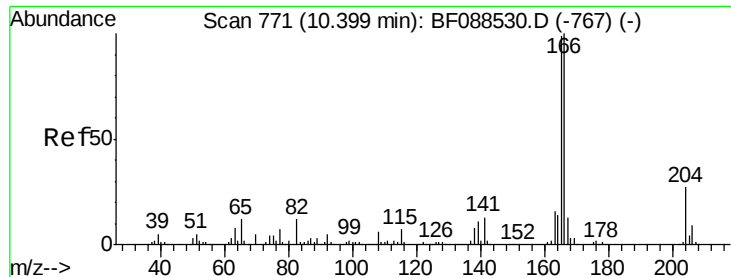
Tot Ion:139 Resp: 155138
Ion Ratio Lower Upper
139 100
109 71.2 48.9 88.9
65 101.4 84.9 124.9



#56
2,4-Dinitrotoluene
Concen: 46.30 ng
RT: 10.03 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF088565.D
Acq: 1 Jul 2016 10:13

Tgt Ion:165 Resp: 221845
Ion Ratio Lower Upper
165 100
63 37.0 22.0 33.0#
89 66.5 41.1 61.7#
182 2.5 2.0 3.0





#57

Fluorene

Concen: 36.39 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF088565.D

Acq: 1 Jul 2016 10:13

Instrument :

BNA_F

ClientSampled :

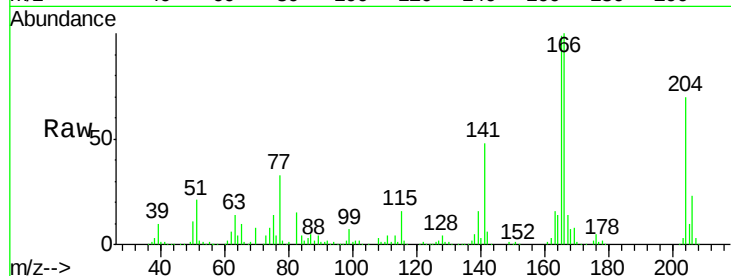
Tot Ion:166 Resp: 540137

Ion Ratio Lower Upper

166 100

165 99.1 77.8 116.8

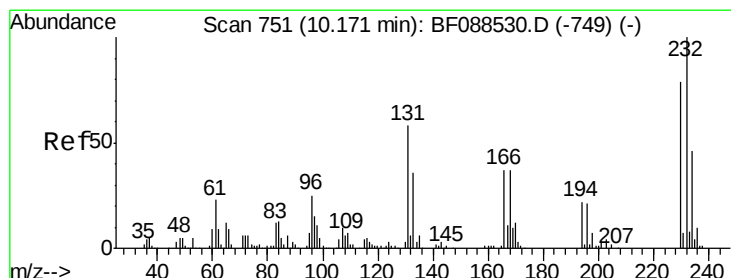
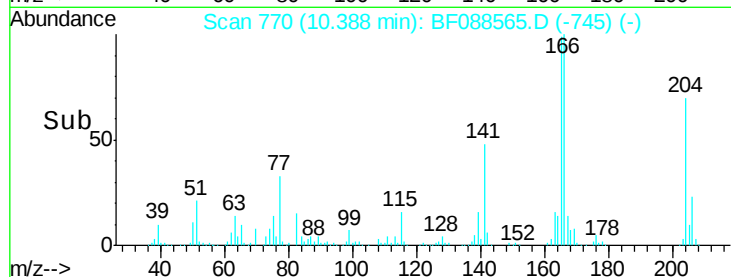
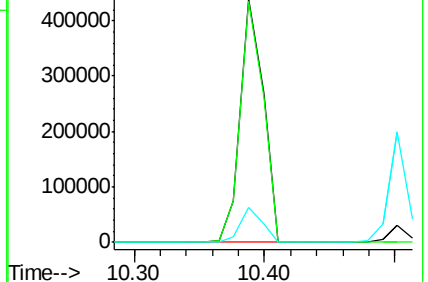
167 14.2 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.76 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF088565.D

Acq: 1 Jul 2016 10:13

Tgt Ion:232 Resp: 144863

Ion Ratio Lower Upper

232 100

131 49.0 0.9 1.3#

130 2.6 1.5 2.3#

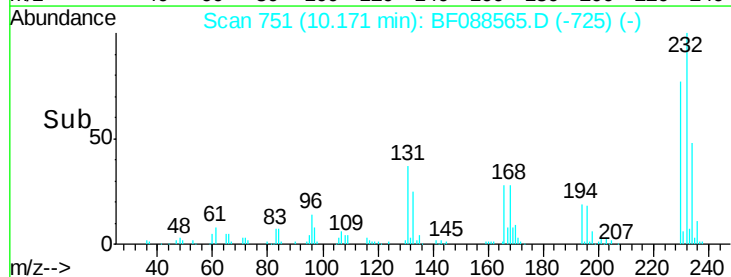
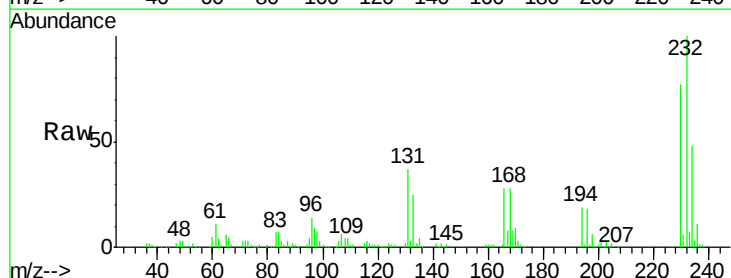
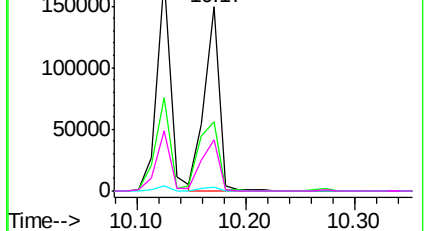
166 32.5 0.5 0.7#

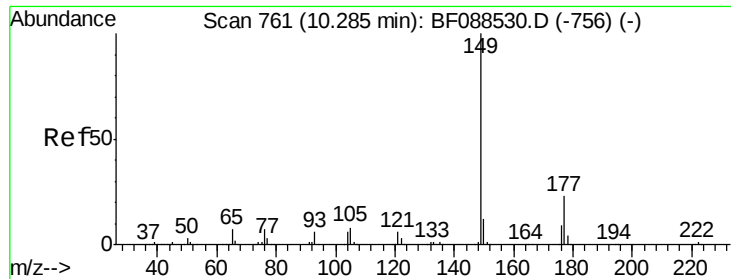
Abundance Ion 232.00 (231.70 to 232.70): E

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

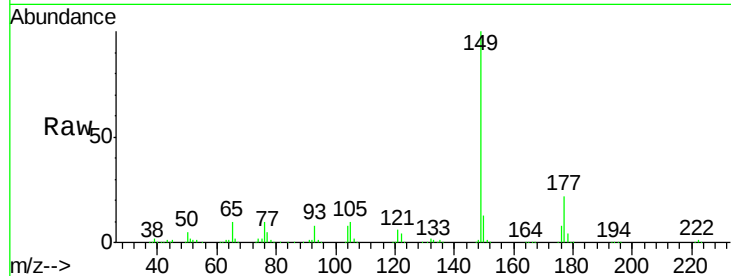




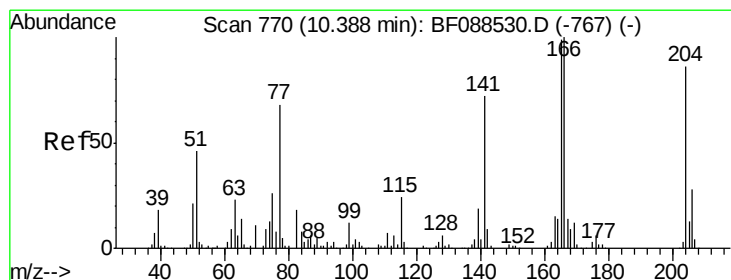
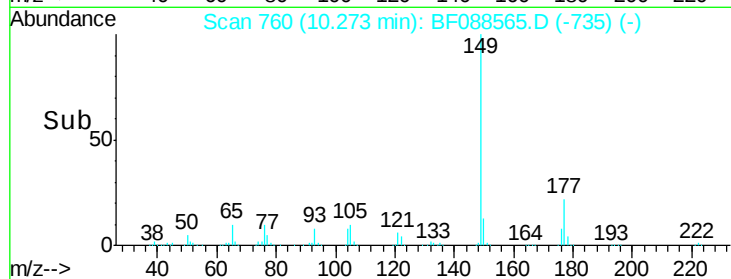
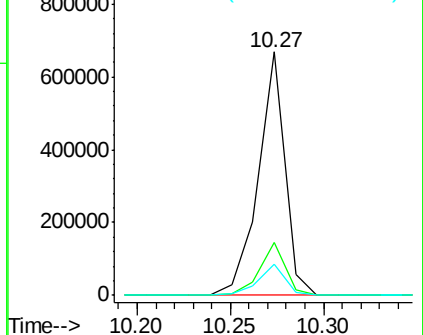
#59
Diethylphthalate
Concen: 39.47 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF088565.D
Acq: 1 Jul 2016 10:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 654911
Ion Ratio Lower Upper
149 100
177 21.6 16.9 25.3
150 12.6 10.1 15.1

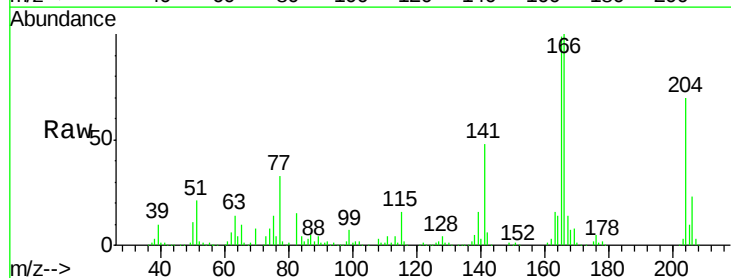


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

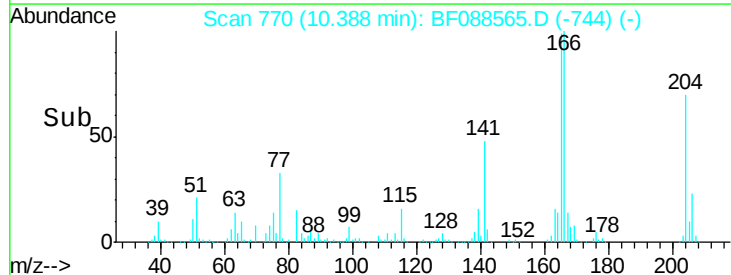
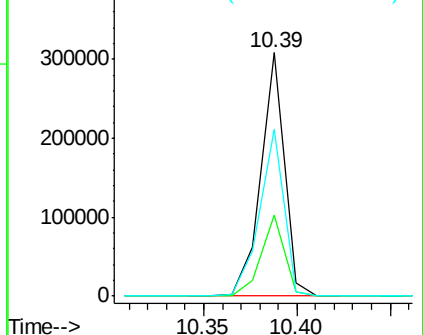


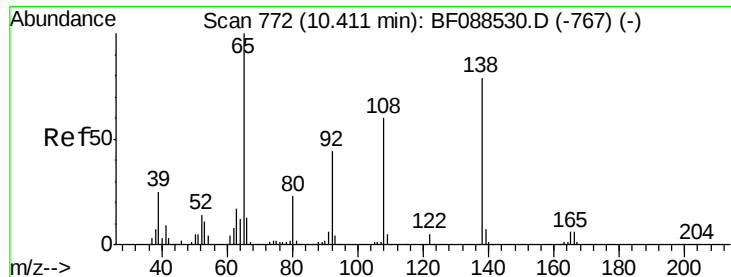
#60
4-Chlorophenyl-phenylether
Concen: 38.64 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF088565.D
Acq: 1 Jul 2016 10:13

Tgt Ion:204 Resp: 266480
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 68.6 55.0 82.6



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

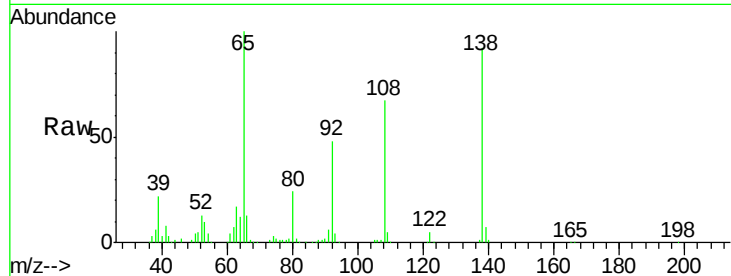




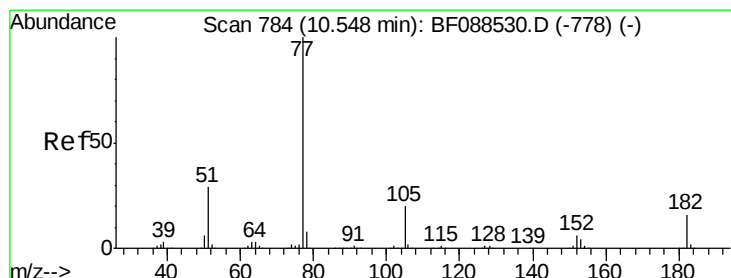
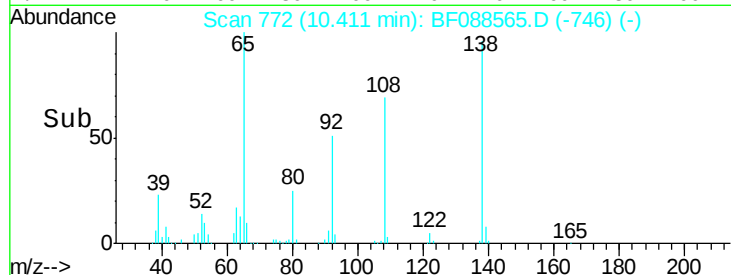
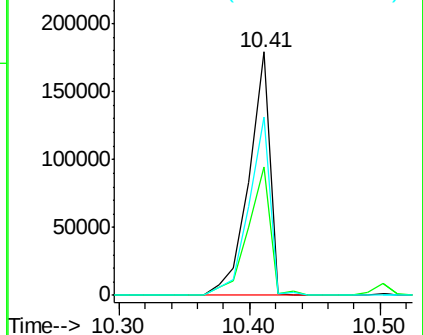
#61
4-Nitroaniline
Concen: 45.04 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF088565.D
Acq: 1 Jul 2016 10:13

Instrument :
BNA_F
ClientSampleID :

Tot Ion:138 Resp: 201904
Ion Ratio Lower Upper
138 100
92 52.9 27.3 67.3
108 73.3 46.7 86.7



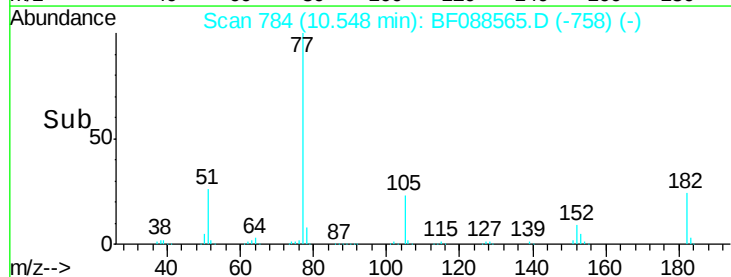
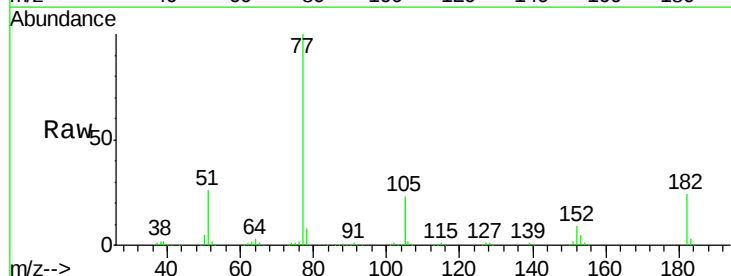
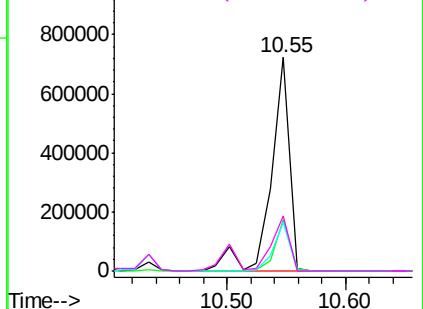
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

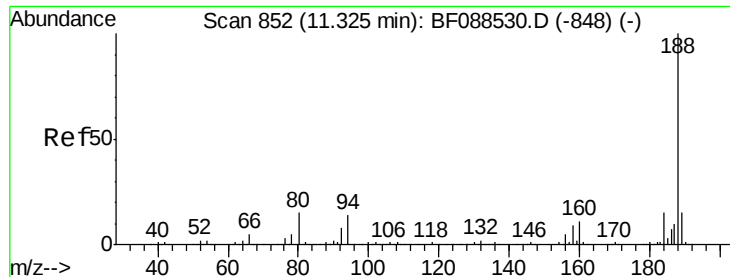


#62
Azobenzene
Concen: 41.27 ng
RT: 10.55 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF088565.D
Acq: 1 Jul 2016 10:13

Tgt Ion: 77 Resp: 781244
Ion Ratio Lower Upper
77 100
182 23.7 4.4 44.4
105 23.0 3.8 43.8
51 25.9 9.3 49.3

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

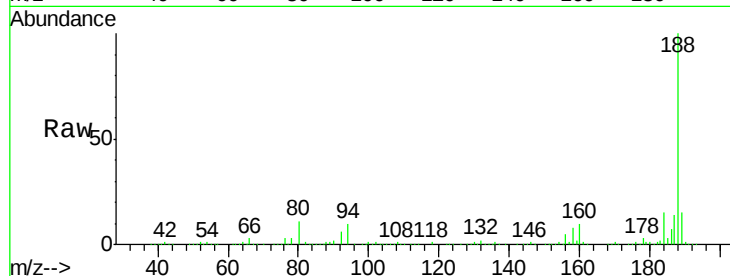




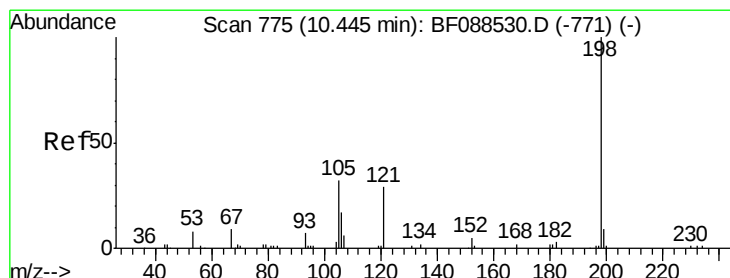
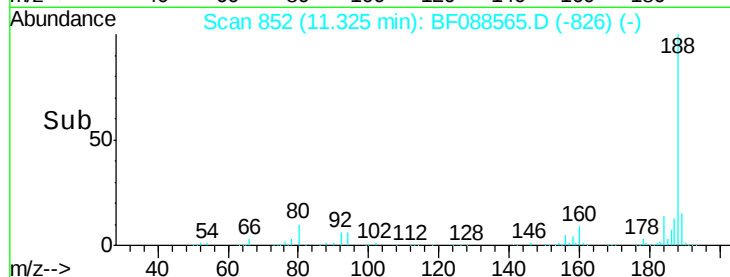
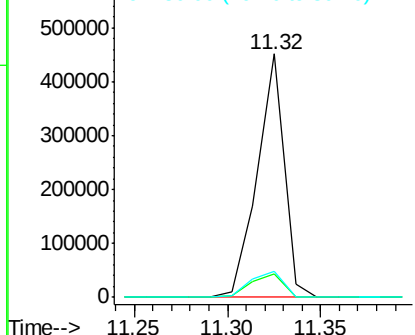
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF088565.D
Acq: 1 Jul 2016 10:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 451670
Ion Ratio Lower Upper
188 100
94 9.8 9.0 13.6
80 10.5 10.0 15.0

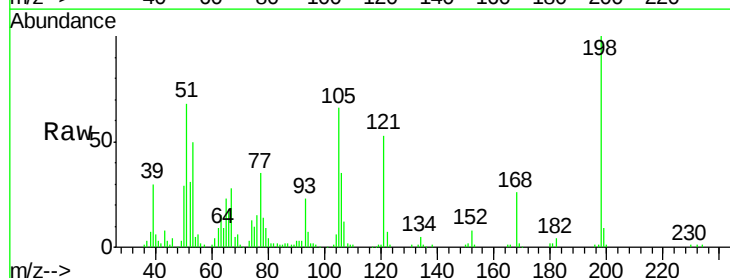


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

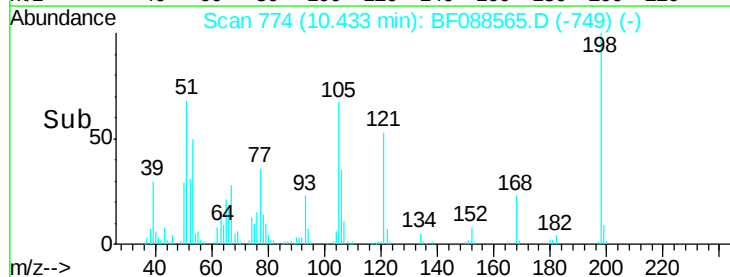
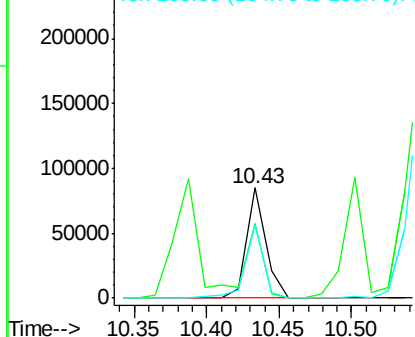


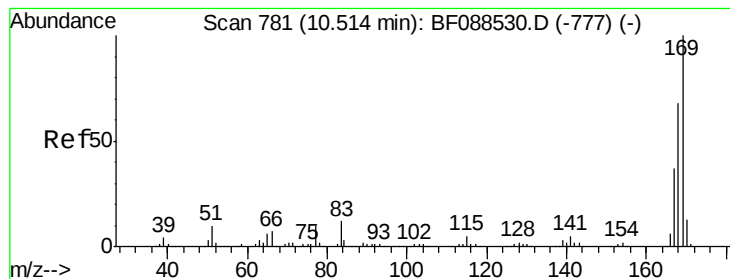
#64
4,6-Dinitro-2-methylphenol
Concen: 32.43 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF088565.D
Acq: 1 Jul 2016 10:13

Tgt Ion:198 Resp: 78352
Ion Ratio Lower Upper
198 100
51 67.9 39.6 79.6
105 66.3 36.6 76.6



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

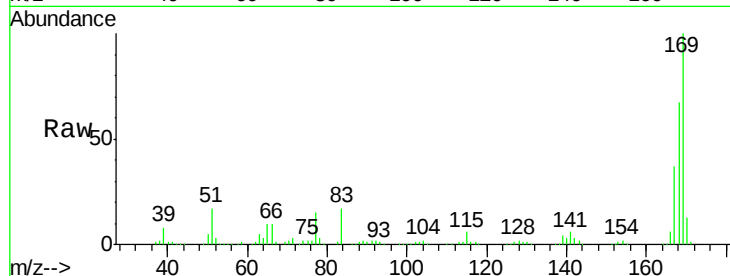




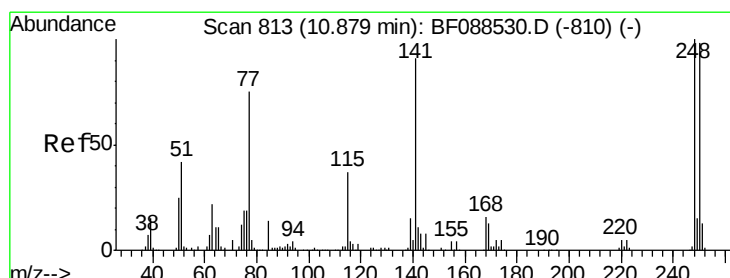
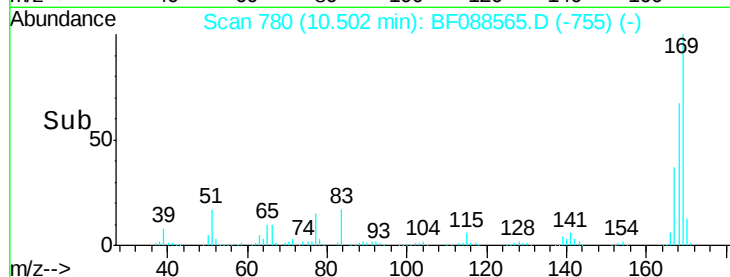
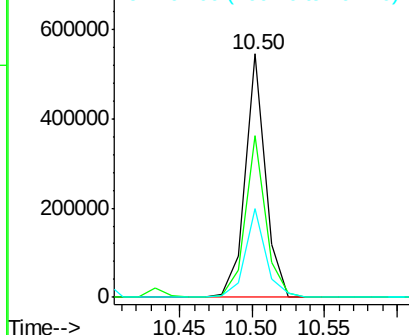
#65
 n-Nitrosodiphenylamine
 Concen: 34.31 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF088565.D
 Acq: 1 Jul 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 524502
 Ion Ratio Lower Upper
 169 100
 168 66.6 53.4 80.0
 167 36.6 29.4 44.0

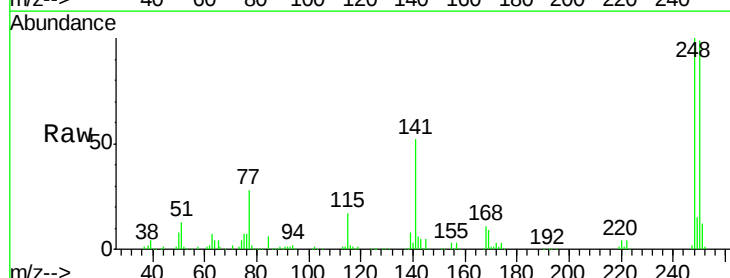


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

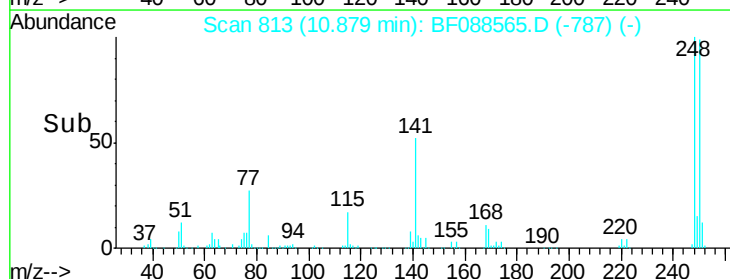
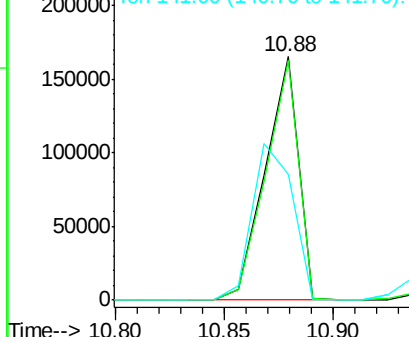


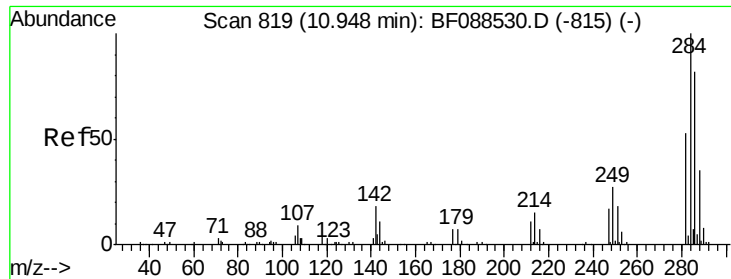
#66
 4-Bromophenyl-phenylether
 Concen: 38.84 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF088565.D
 Acq: 1 Jul 2016 10:13

Tgt Ion:248 Resp: 176782
 Ion Ratio Lower Upper
 248 100
 250 98.6 77.1 115.7
 141 51.9 50.6 76.0



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

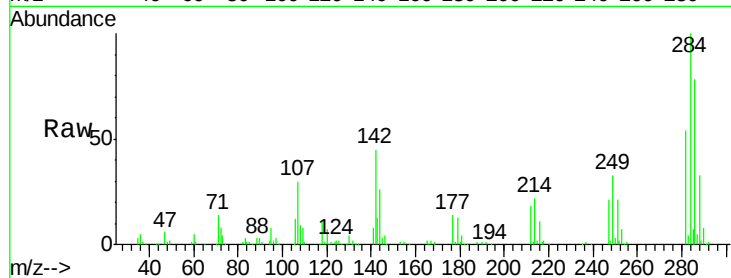




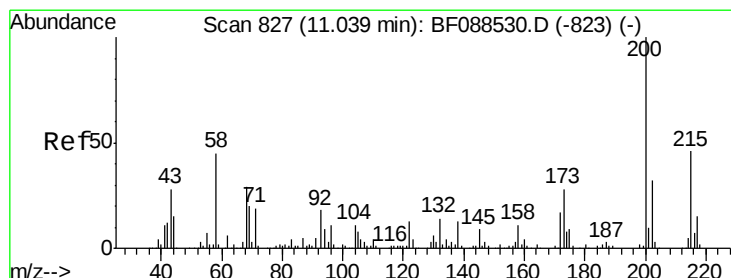
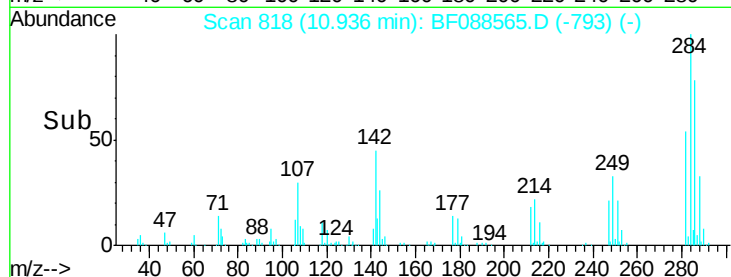
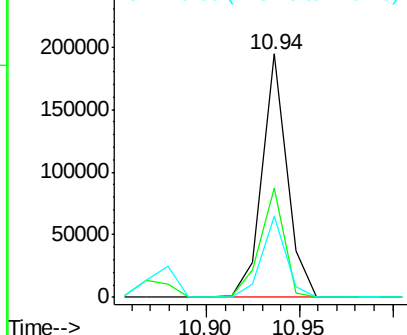
#67
Hexachlorobenzene
Concen: 35.47 ng
RT: 10.94 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF088565.D
Acq: 1 Jul 2016 10:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 178715
Ion Ratio Lower Upper
284 100
142 44.9 35.8 53.8
249 33.3 25.8 38.6

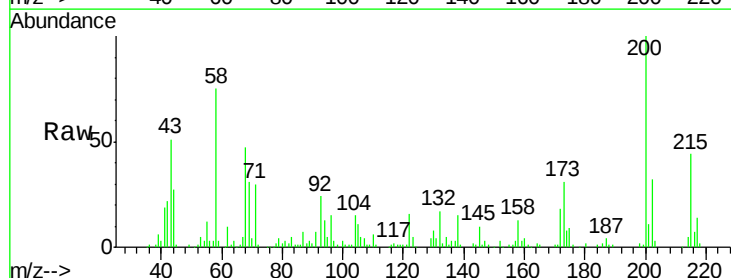


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

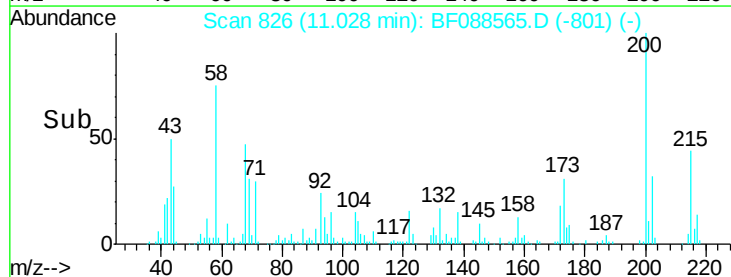
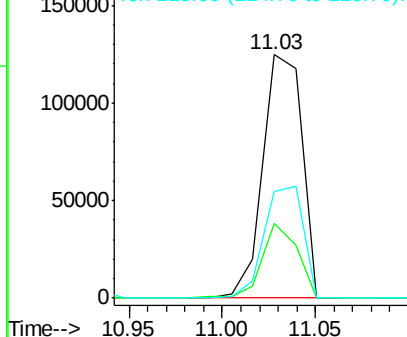


#68
Atrazine
Concen: 38.06 ng
RT: 11.03 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF088565.D
Acq: 1 Jul 2016 10:13

Tgt Ion:200 Resp: 181309
Ion Ratio Lower Upper
200 100
173 30.8 4.0 44.0
215 43.6 29.3 69.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

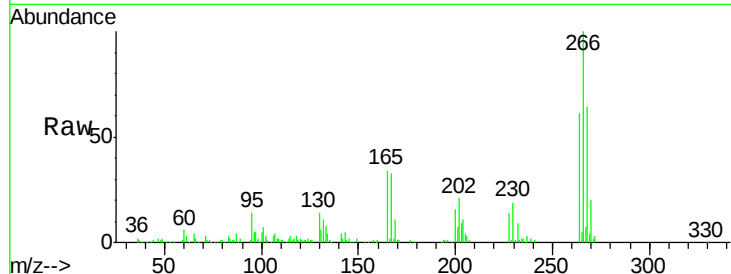




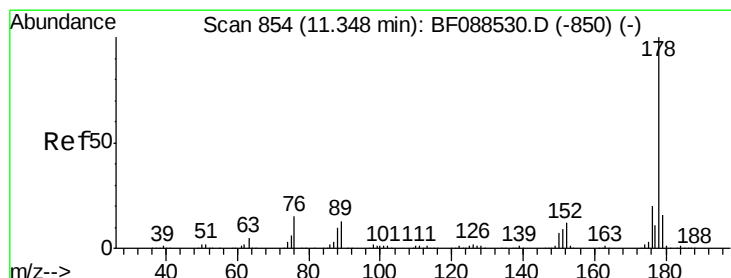
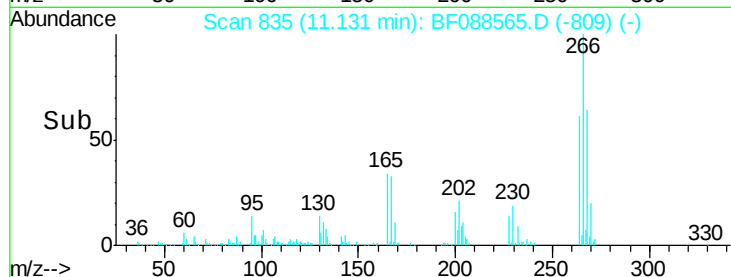
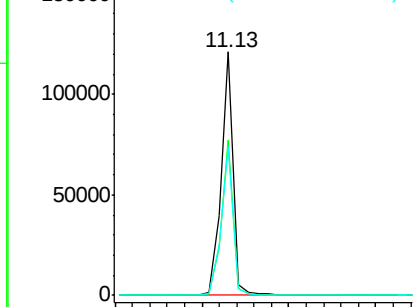
#69
 Pentachlorophenol
 Concen: 39.54 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BF088565.D
 Acq: 1 Jul 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 117892
 Ion Ratio Lower Upper
 266 100
 268 63.6 52.8 79.2
 264 61.3 49.6 74.4

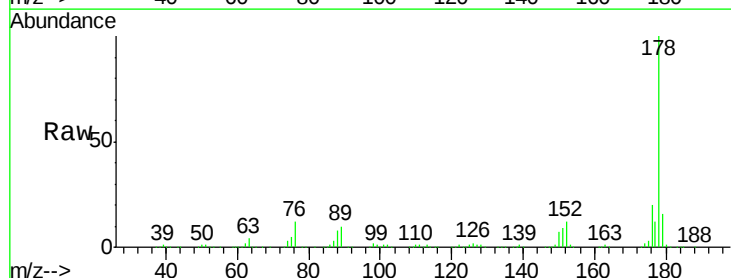


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

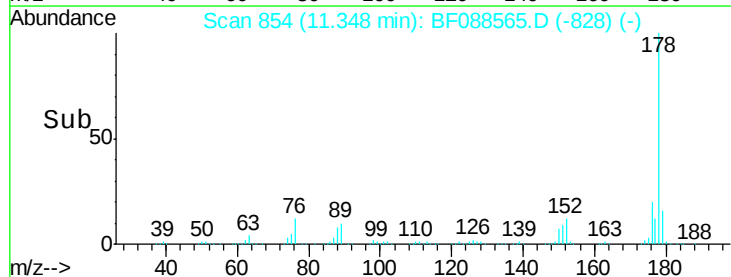
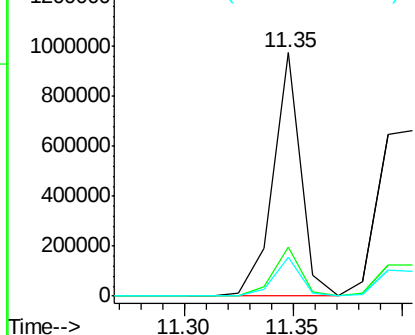


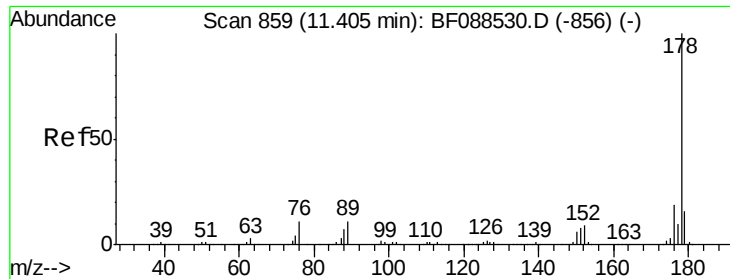
#70
 Phenanthrene
 Concen: 35.23 ng
 RT: 11.35 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: BF088565.D
 Acq: 1 Jul 2016 10:13

Tgt Ion:178 Resp: 869794
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.6
 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

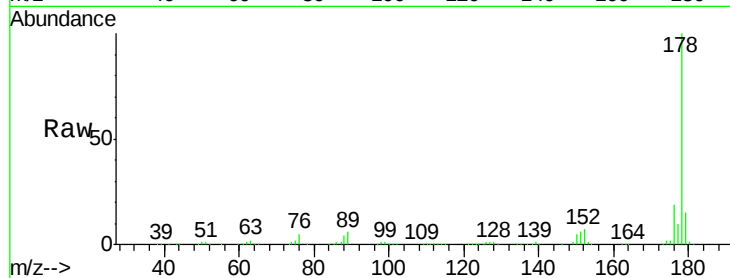




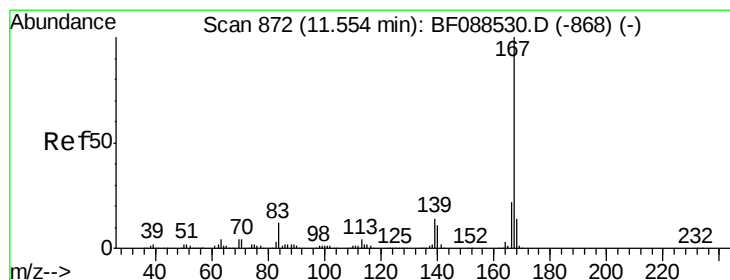
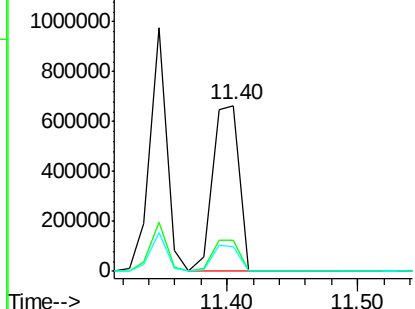
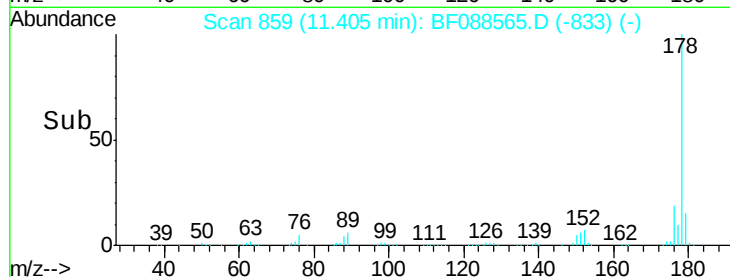
#71
 Anthracene
 Concen: 38.50 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF088565.D
 Acq: 1 Jul 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 945195
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.6 23.4
 179 15.2 12.8 19.2

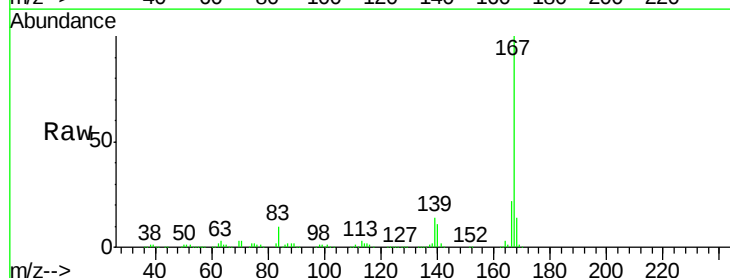


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

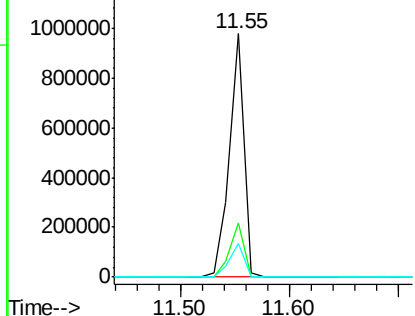
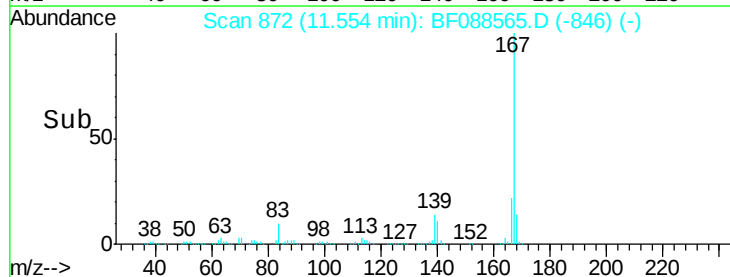


#72
 Carbazole
 Concen: 39.11 ng
 RT: 11.55 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: BF088565.D
 Acq: 1 Jul 2016 10:13

Tgt Ion:167 Resp: 903631
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 13.7 11.2 16.8



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: 39.54 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.00 min

Lab File: BF088565.D

Acq: 1 Jul 2016 10:13

Instrument :

BNA_F

ClientSampleId :

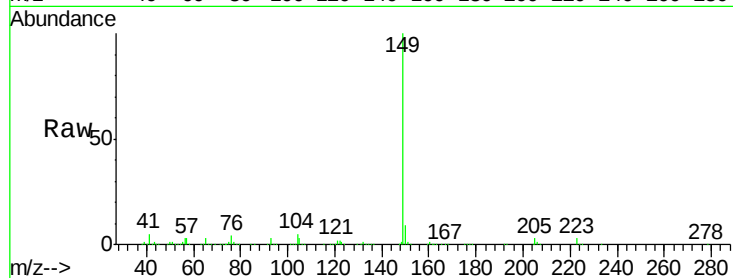
Tot Ion:149 Resp: 1062697

Ion Ratio Lower Upper

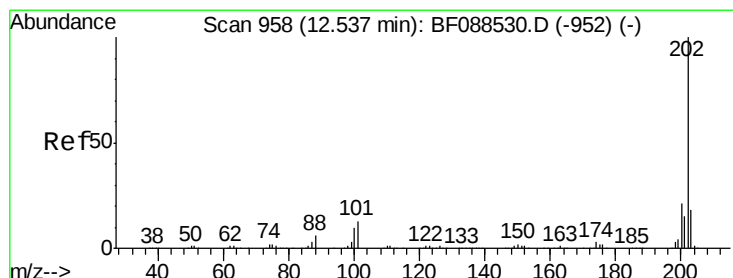
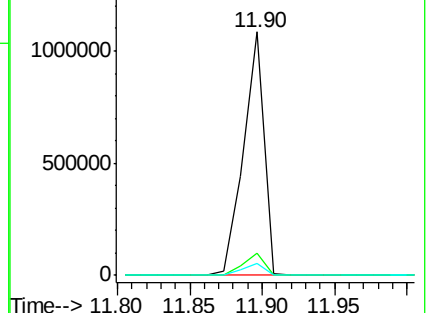
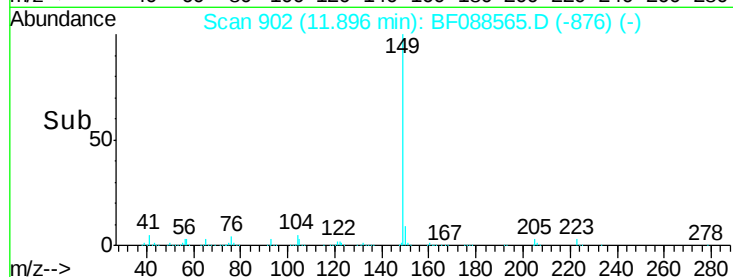
149 100

150 9.2 7.8 11.6

104 4.8 4.0 6.0



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: 36.92 ng

RT: 12.53 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF088565.D

Acq: 1 Jul 2016 10:13

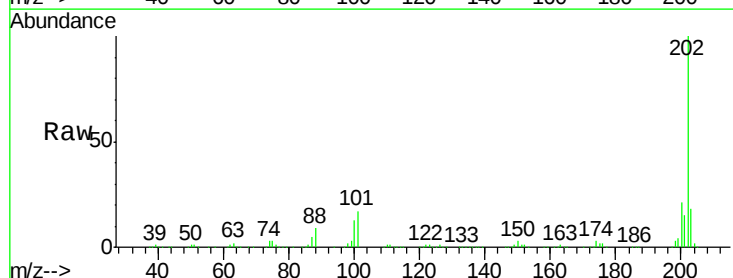
Tgt Ion:202 Resp: 924001

Ion Ratio Lower Upper

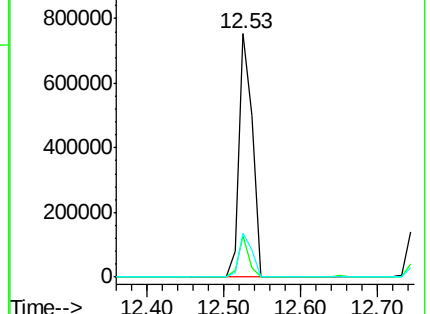
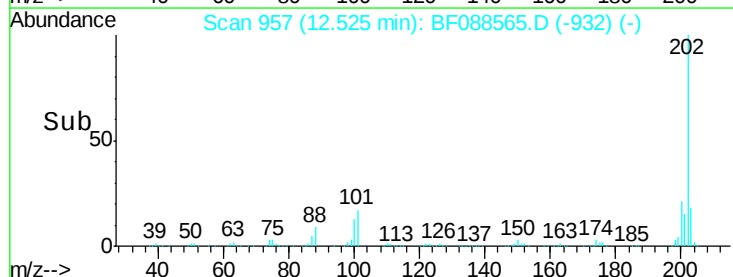
202 100

101 17.0 0.0 33.1

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: 13.95 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BF088565.D

Acq: 1 Jul 2016 10:13

Instrument :

BNA_F

ClientSampled :

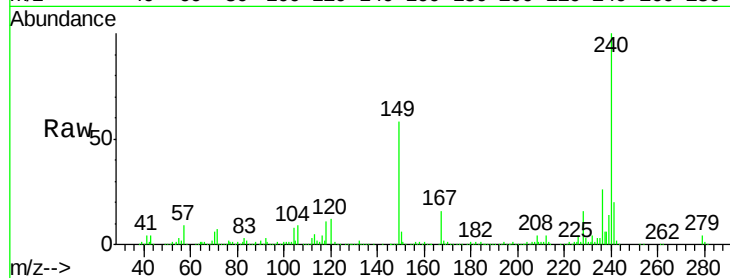
Tot Ion:240 Resp: 339500

Ion Ratio Lower Upper

240 100

120 12.1 6.8 10.2#

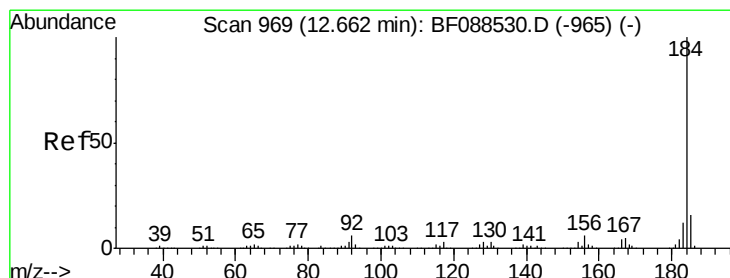
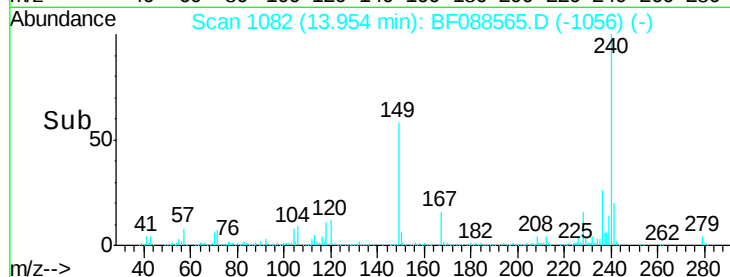
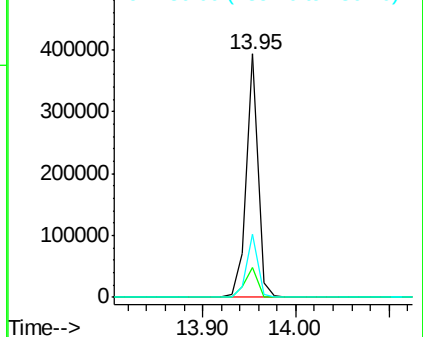
236 26.1 20.2 30.2



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: 31.09 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF088565.D

Acq: 1 Jul 2016 10:13

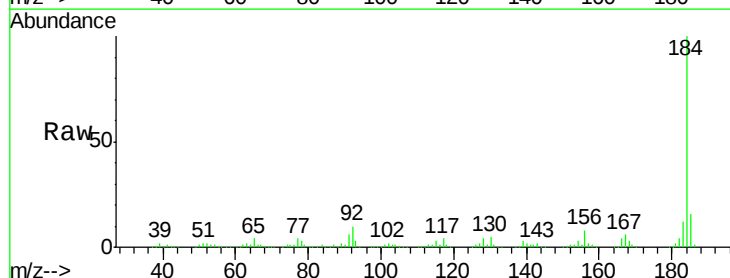
Tgt Ion:184 Resp: 533591

Ion Ratio Lower Upper

184 100

185 15.8 12.5 18.7

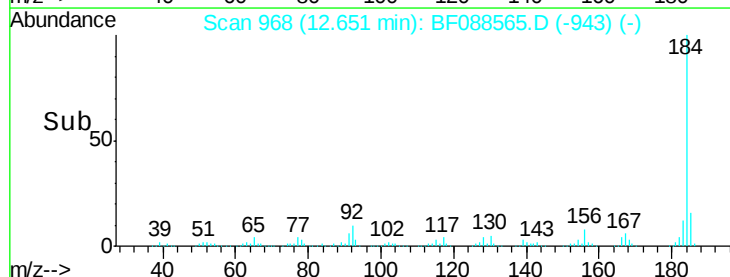
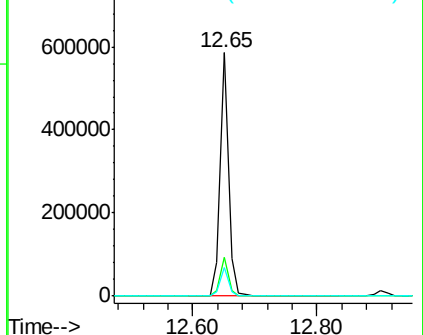
183 12.0 9.3 13.9

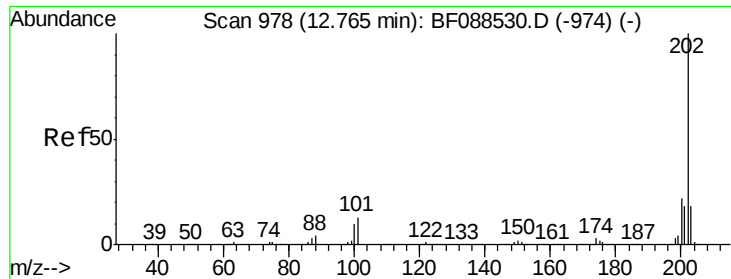


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

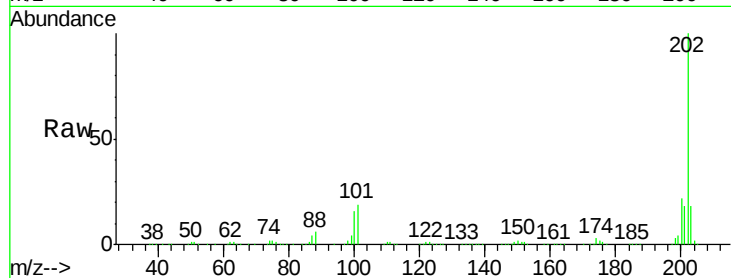




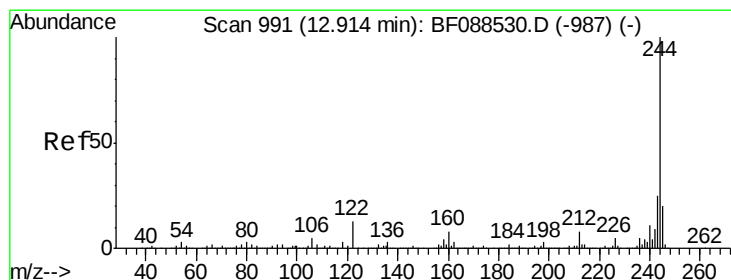
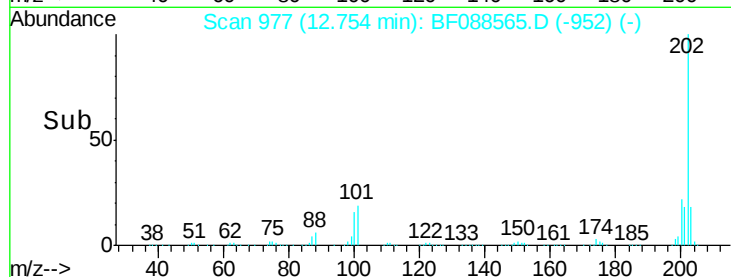
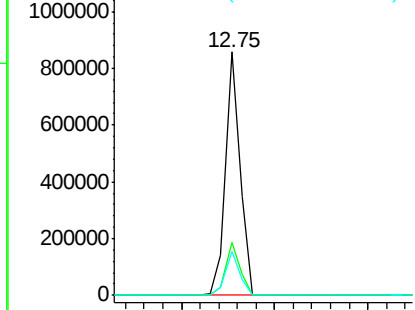
#77
 Pvrene
 Concen: 32.42 ng
 RT: 12.75 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF088565.D
 Acq: 1 Jul 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 933269
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.4 26.2
 203 18.1 14.5 21.7

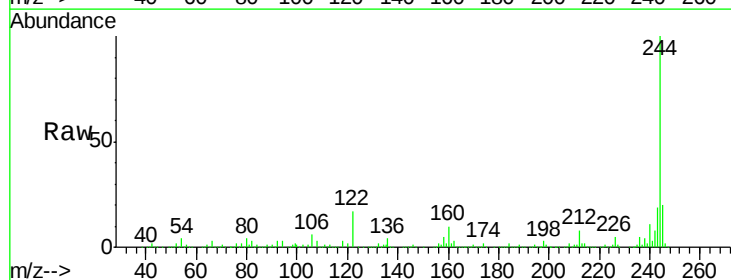


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

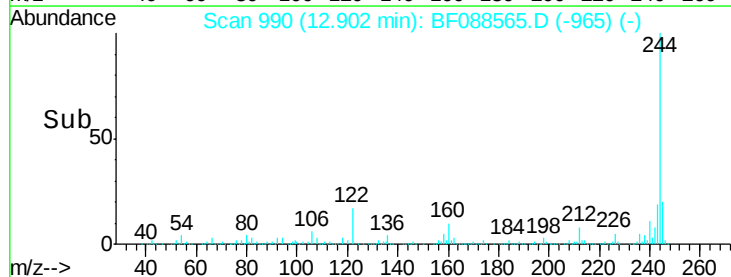
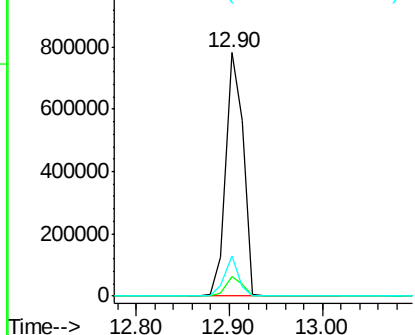


#78
 Terphenyl-d14
 Concen: 66.86 ng
 RT: 12.90 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF088565.D
 Acq: 1 Jul 2016 10:13

Tgt Ion:244 Resp: 1019117
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 16.5 11.2 16.8



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

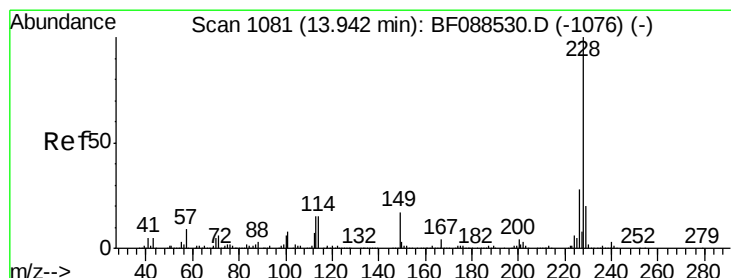
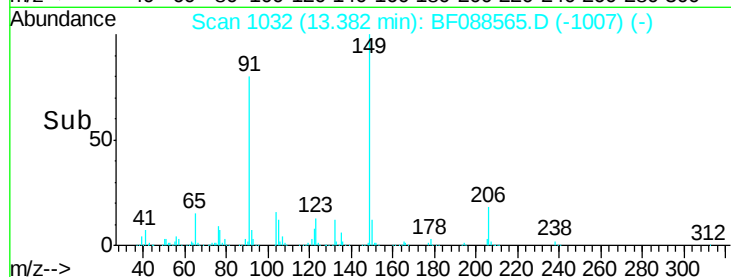
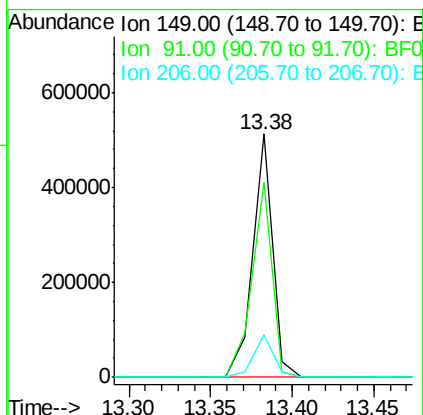
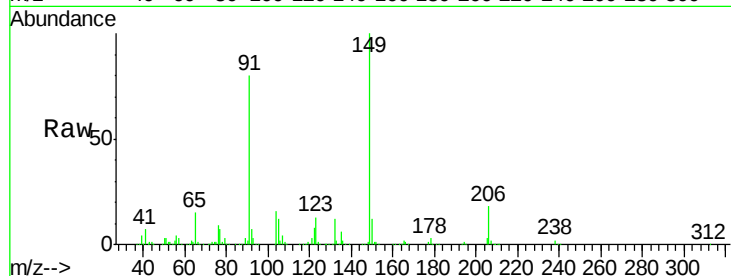




#79
Butylbenzylphthalate
Concen: 33.76 ng
RT: 13.38 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF088565.D
Acq: 1 Jul 2016 10:13

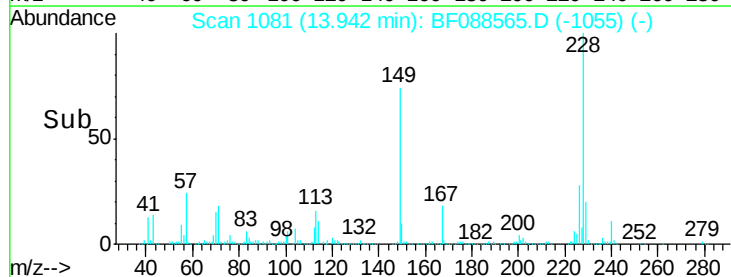
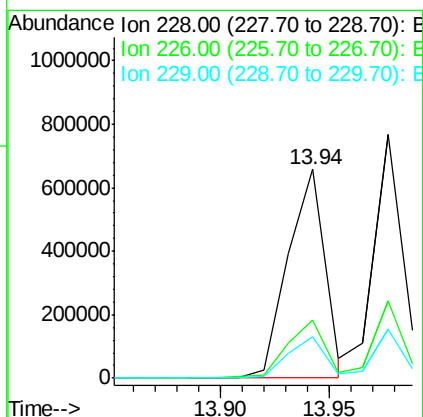
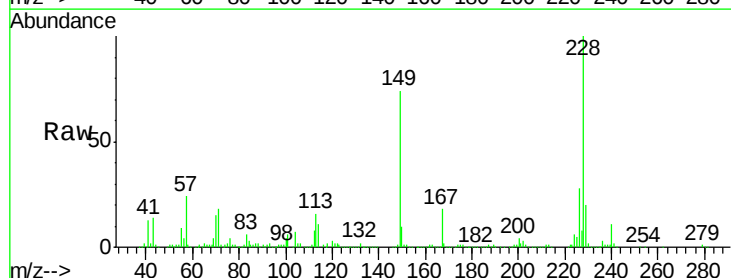
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 433485
Ion Ratio Lower Upper
149 100
91 80.1 48.0 72.0#
206 17.5 16.0 24.0



#80
Benzo(a)anthracene
Concen: 35.82 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BF088565.D
Acq: 1 Jul 2016 10:13

Tgt Ion:228 Resp: 783081
Ion Ratio Lower Upper
228 100
226 27.7 22.3 33.5
229 19.8 16.0 24.0

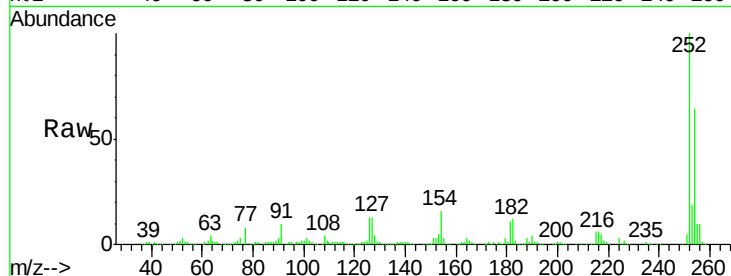




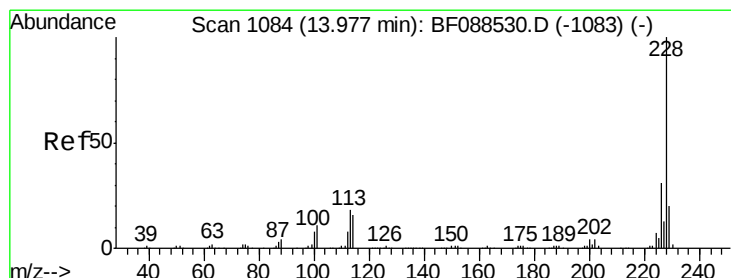
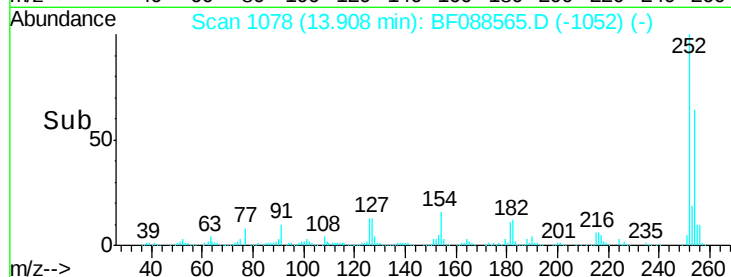
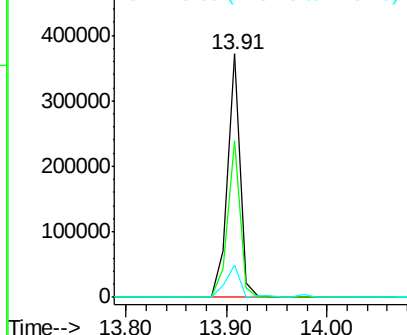
#81
 3,3'-Dichlorobenzidine
 Concen: 39.21 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: BF088565.D
 Acq: 1 Jul 2016 10:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 322303
 Ion Ratio Lower Upper
 252 100
 254 64.2 52.6 78.8
 126 13.5 6.2 9.2#

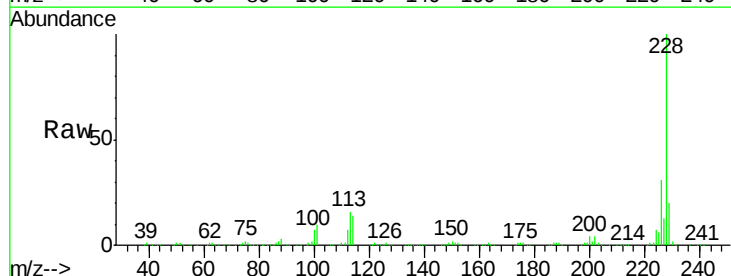


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

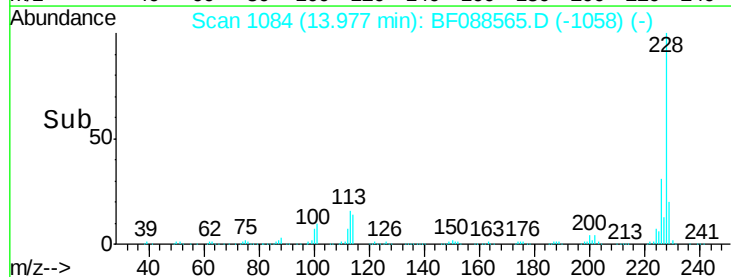
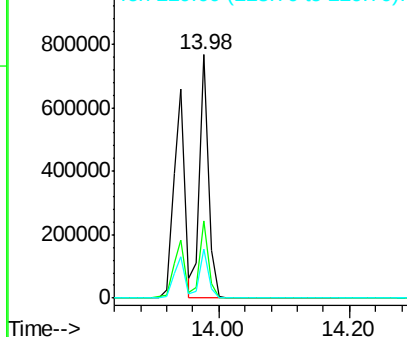


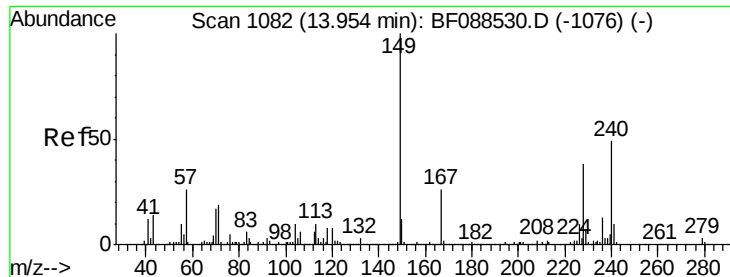
#82
 Chrysene
 Concen: 33.26 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF088565.D
 Acq: 1 Jul 2016 10:13

Tgt Ion:228 Resp: 719366
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.4 38.2
 229 20.1 16.3 24.5



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: 34.91 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BF088565.D

Acq: 1 Jul 2016 10:13

Instrument :

BNA_F

ClientSampleId :

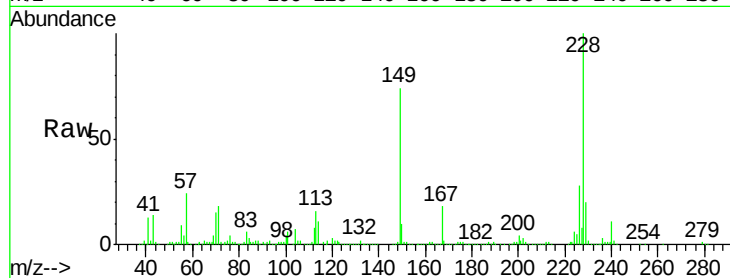
Tot Ion:149 Resp: 511775

Ion Ratio Lower Upper

149 100

167 24.3 20.5 30.7

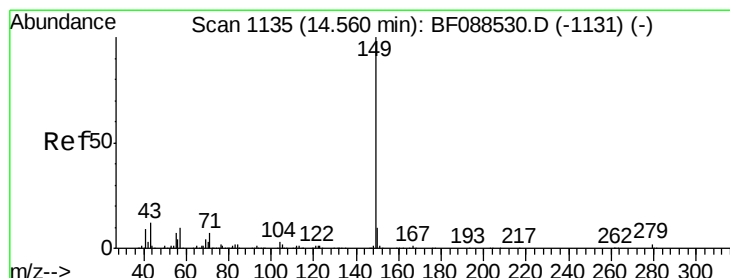
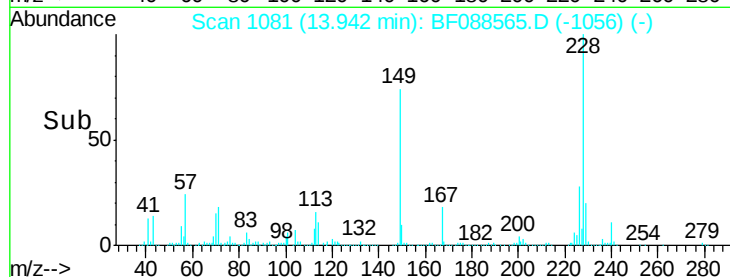
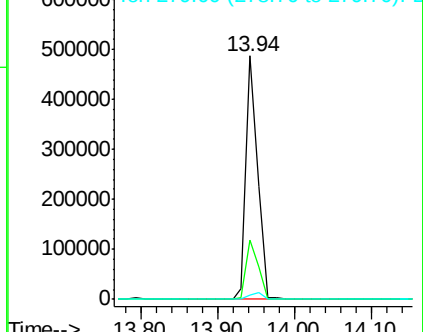
279 1.9 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.42 ng

RT: 14.56 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BF088565.D

Acq: 1 Jul 2016 10:13

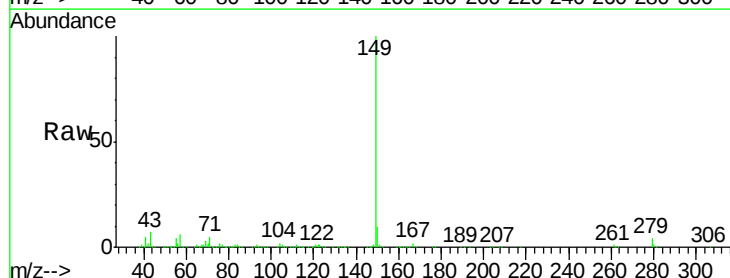
Tgt Ion:149 Resp: 1031605

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

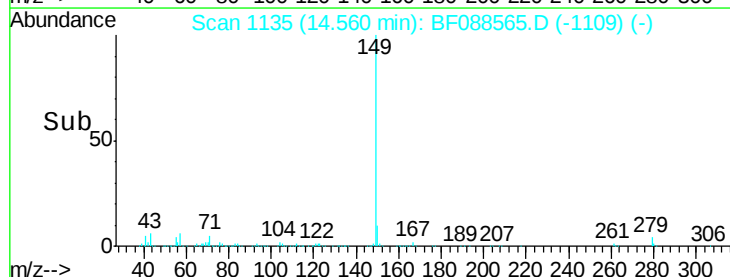
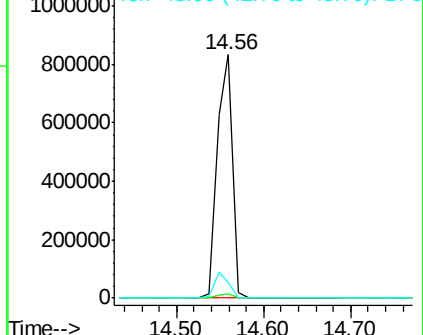
43 9.9 0.0 0.0#

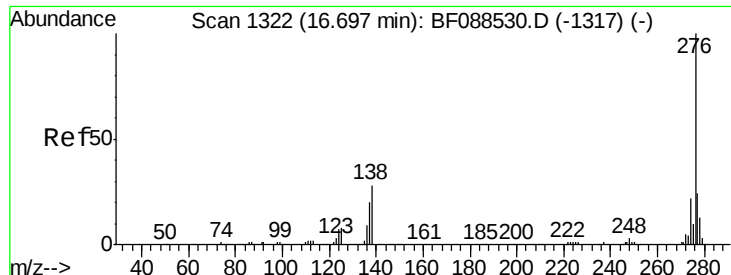


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

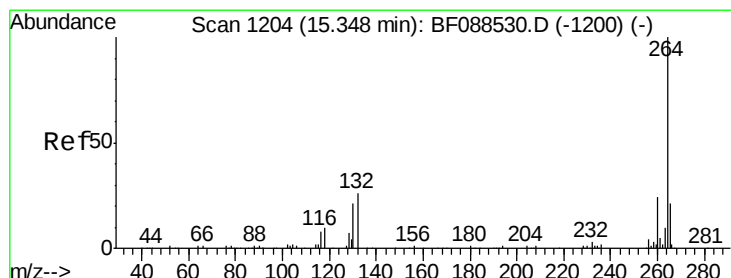
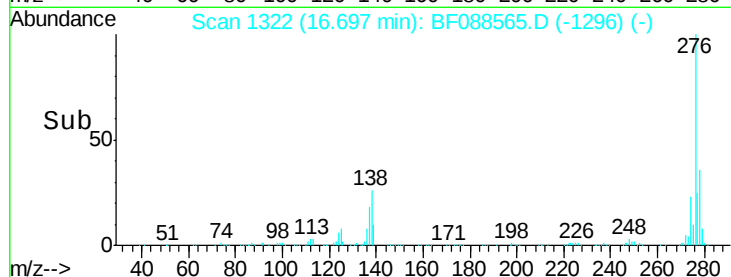
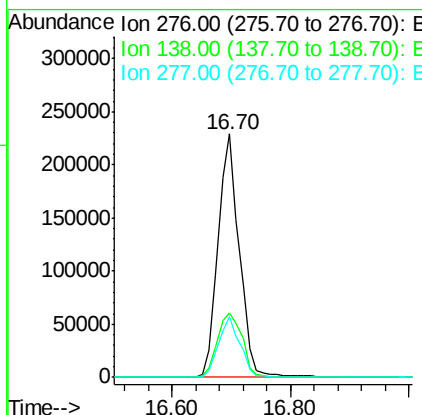
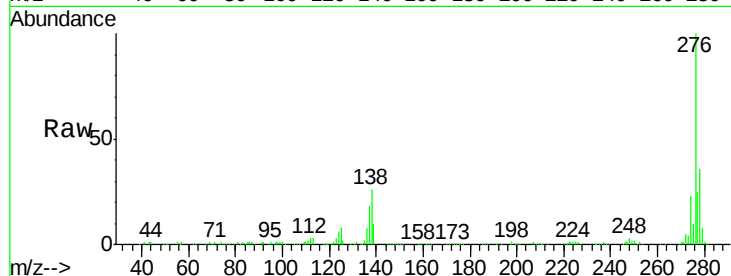




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.09 ng
 RT: 16.70 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF088565.D
 Acq: 1 Jul 2016 10:13

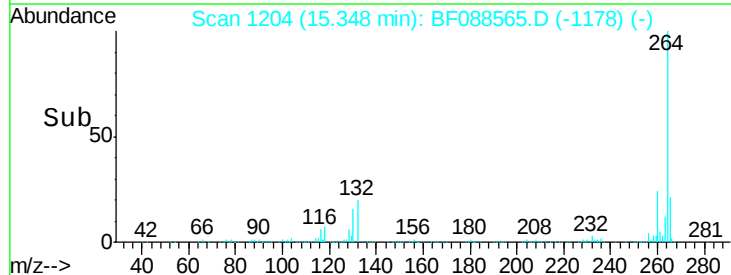
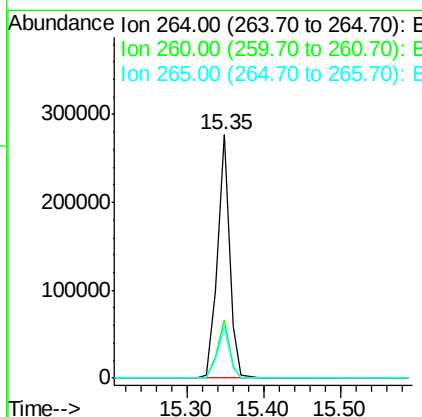
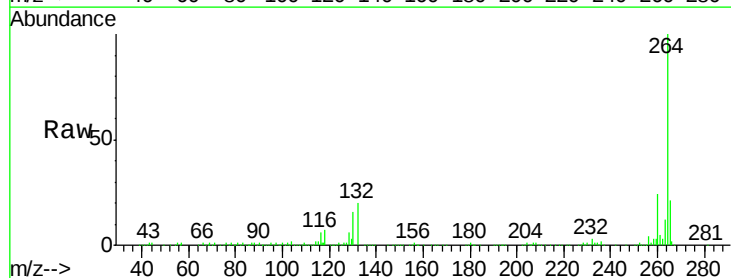
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.2	0.0	0.0#
277	25.3	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF088565.D
 Acq: 1 Jul 2016 10:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.4	16.9	25.3

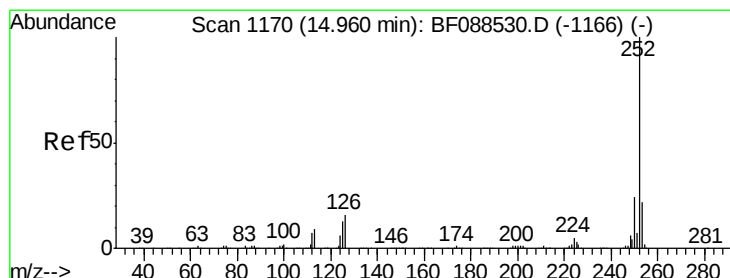
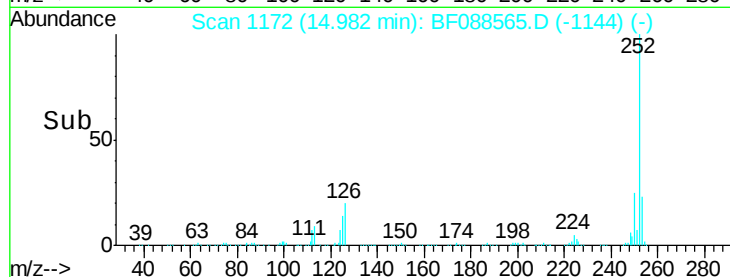
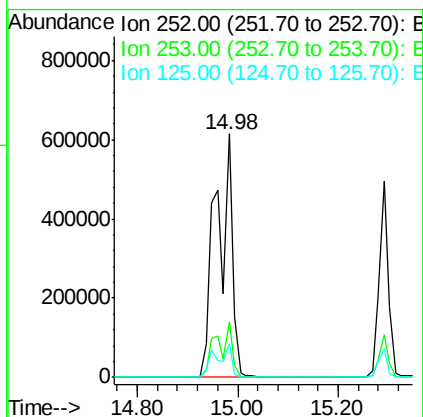
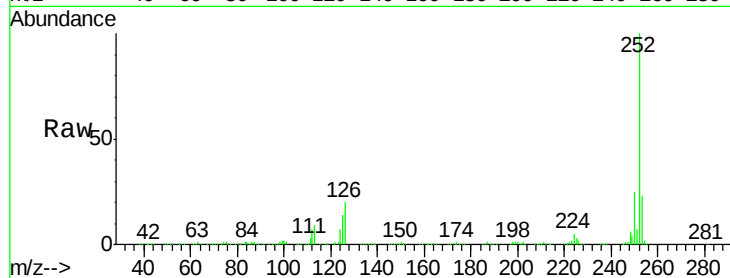




#87
Benzo(b)fluoranthene
Concen: 71.51 ng
RT: 14.98 min Scan# 1172
Delta R.T. 0.02 min
Lab File: BF088565.D
Acq: 1 Jul 2016 10:13

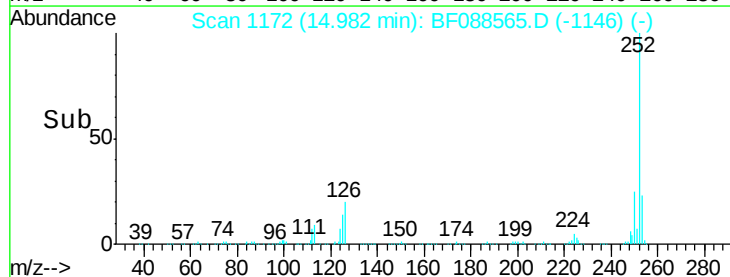
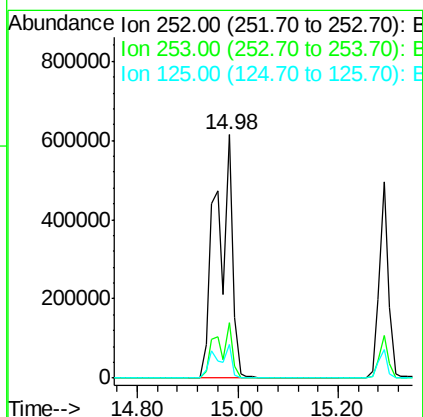
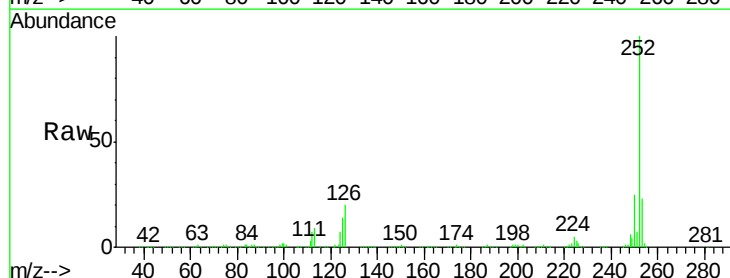
Instrument :
BNA_F
ClientSampleId :

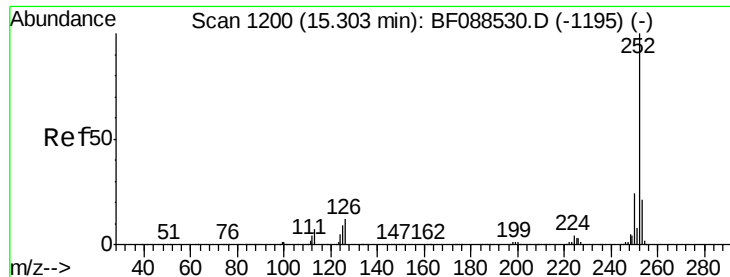
Tot Ion:252 Resp: 1379663
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 13.9 7.1 10.7#



#88
Benzo(k)fluoranthene
Concen: 82.14 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF088565.D
Acq: 1 Jul 2016 10:13

Tgt Ion:252 Resp: 1379663
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 13.9 11.2 16.8

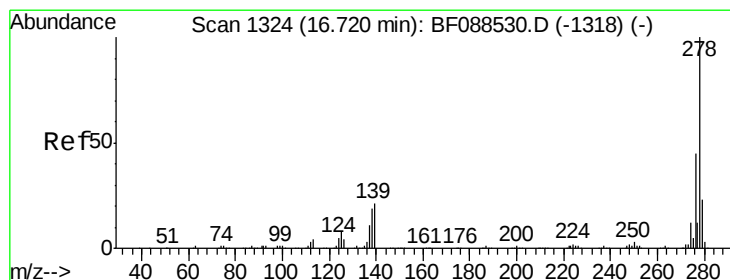
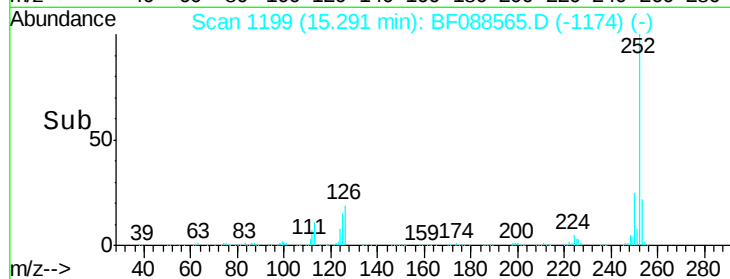
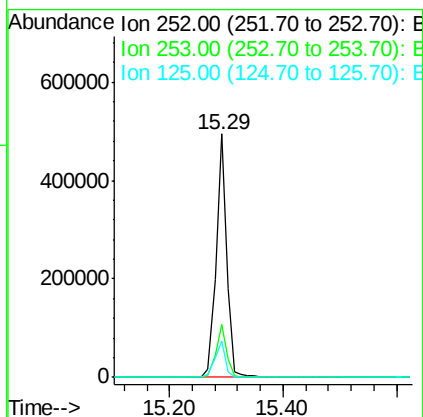
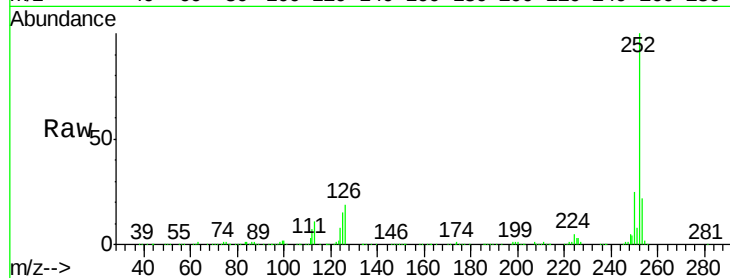




#89
Benzo(a)pyrene
Concen: 38.47 ng
RT: 15.29 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF088565.D
Acq: 1 Jul 2016 10:13

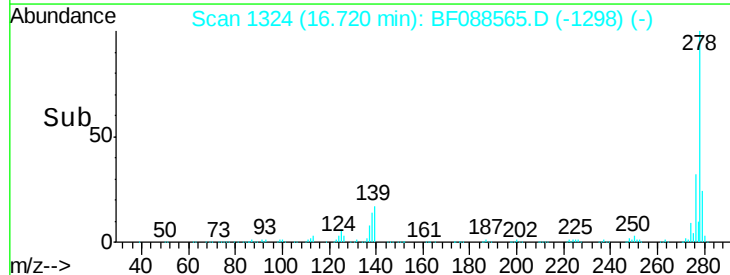
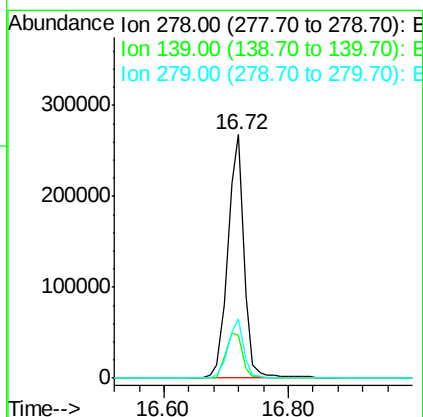
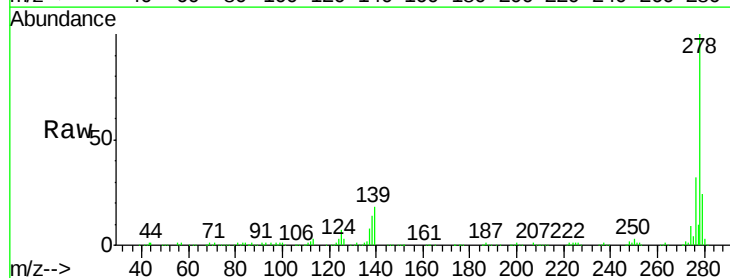
Instrument :
BNA_F
ClientSampleId :

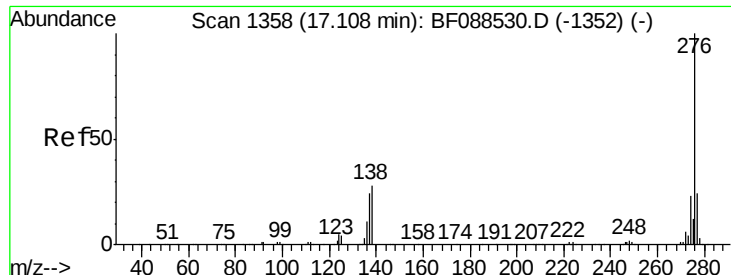
Tot Ion:252 Resp: 628400
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 14.8 12.5 18.7



#90
Dibenzo(a,h)anthracene
Concen: 35.80 ng
RT: 16.72 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF088565.D
Acq: 1 Jul 2016 10:13

Tgt Ion:278 Resp: 488375
Ion Ratio Lower Upper
278 100
139 17.5 15.7 23.5
279 24.4 19.4 29.2

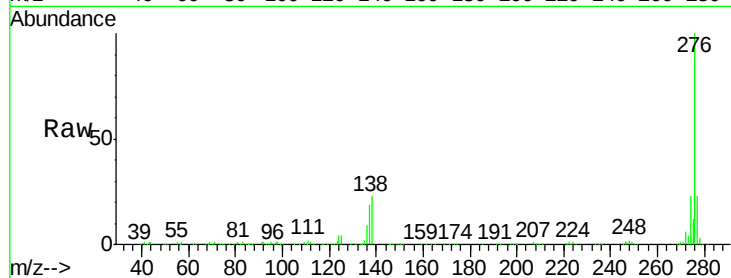




#91
 Benzo(a,h,i)perylene
 Concen: 34.73 ng
 RT: 17.11 min Scan# 1358
 Delta R.T. -0.00 min
 Lab File: BF088565.D
 Acq: 1 Jul 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.9	28.3
138	23.5	21.4	32.2



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

