

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
 Data File : BF088785.D
 Acq On : 7 Jul 2016 18:15
 Operator : UM/SJ
 Sample : H3871-11MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

Quant Time: Jul 08 01:41:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	82918	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	323724	20.00	ng	-0.05
38) Acenaphthene-d10	9.78	164	164543	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	325026	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	231891	20.00	ng	-0.03
86) Perylene-d12	15.27	264	163493	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	605608	109.46	ng	-0.03
7) Phenol-d6	6.39	99	798322	111.67	ng	-0.02
23) Nitrobenzene-d5	7.30	82	546817	88.52	ng	-0.05
41) 2,4,6-Tribromophenol	10.57	330	230648	150.95	ng	-0.03
44) 2-Fluorobiphenyl	9.11	172	921383	88.45	ng	-0.03
78) Terphenyl-d14	12.85	244	963401	92.54	ng	-0.02

Target Compounds					Qvalue	
3) Pyridine	2.99	79	216531	27.20	ng	92
4) n-Nitrosodimethylamine	2.96	42	97744	32.14	ng	84
6) Aniline	6.40	93	249386	23.94	ng	# 1
8) 2-Chlorophenol	6.52	128	229671	38.62	ng	99
9) Benzaldehyde	6.28	77	174367	36.01	ng	95
10) Phenol	6.40	94	334379	40.98	ng	# 69
11) bis(2-Chloroethyl)ether	6.48	93	197665	32.49	ng	93
12) 1,3-Dichlorobenzene	6.91	146	243157	37.16	ng	97
13) 1,4-Dichlorobenzene	6.75	146	233792	36.00	ng	93
14) 1,2-Dichlorobenzene	6.68	146	236496	38.90	ng	97
15) Benzyl Alcohol	6.89	79	227328	43.21	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.03	45	252720	28.68	ng	89
17) 2-Methylphenol	7.00	107	191489	39.47	ng	96
18) Hexachloroethane	7.26	117	96093	38.25	ng	96
19) n-Nitroso-di-n-propylamine	7.16	70	169559	35.31	ng	89
20) 3+4-Methylphenols	7.16	107	263894	45.33	ng	# 84
22) Acetophenone	7.15	105	327960	41.74	ng	# 89
24) Nitrobenzene	7.32	77	258248	41.46	ng	# 84
25) Isophorone	7.56	82	490423	42.86	ng	96
26) 2-Nitrophenol	7.64	139	134340	52.60	ng	88
27) 2,4-Dimethylphenol	7.69	122	237832	44.71	ng	90
28) bis(2-Chloroethoxy)methane	7.78	93	286249	38.44	ng	# 95
29) 2,4-Dichlorophenol	7.88	162	193517	45.01	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	194570	41.24	ng	98
31) Naphthalene	8.04	128	650348	40.75	ng	100
32) Benzoic acid	7.82	122	120785	31.27	ng	92
33) 4-Chloroaniline	8.09	127	151080	21.28	ng	94
34) Hexachlorobutadiene	8.17	225	112614	44.58	ng	99
35) Caprolactam	8.52	113	22440	15.37	ng	89
36) 4-Chloro-3-methylphenol	8.59	107	256241	50.40	ng	97
37) 2-Methylnaphthalene	8.74	142	484375	47.14	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	186464	34.07	ng	# 1
40) Hexachlorocyclopentadiene	8.90	237	176601	65.74	ng	98
42) 2,4,6-Trichlorophenol	9.02	196	143047	39.64	ng	96

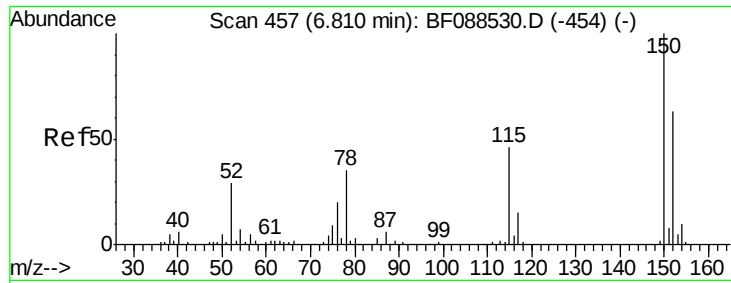
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.06	196	146604	47.22	ng	# 91
45) 1,1'-Biphenyl	9.21	154	560935	41.17	ng	96
46) 2-Chloronaphthalene	9.22	162	429426	40.15	ng	96
47) 2-Nitroaniline	9.32	65	155222	40.89	ng	96
48) Acenaphthylene	9.64	152	740282	43.50	ng	99
49) Dimethylphthalate	9.52	163	560588	47.82	ng	98
50) 2,6-Dinitrotoluene	9.58	165	126817	48.81	ng	# 86
51) Acenaphthene	9.82	154	495622	47.51	ng	98
52) 3-Nitroaniline	9.74	138	89557	27.12	ng	92
53) 2,4-Dinitrophenol	9.84	184	89906	78.37	ng	# 81
54) Dibenzofuran	9.99	168	649389	47.56	ng	# 90
55) 4-Nitrophenol	9.91	139	178393	71.08	ng	91
56) 2,4-Dinitrotoluene	9.98	165	178714	52.61	ng	# 70
57) Fluorene	10.33	166	521975	49.60	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	113466	47.24	ng	# 47
59) Diethylphthalate	10.22	149	579050	49.22	ng	99
60) 4-Chlorophenyl-phenylether	10.32	204	192492	39.37	ng	# 88
61) 4-Nitroaniline	10.35	138	132973	41.84	ng	86
62) Azobenzene	10.48	77	594127	44.27	ng	94
64) 4,6-Dinitro-2-methylphenol	10.38	198	66082	38.01	ng	89
65) n-Nitrosodiphenylamine	10.44	169	471108	42.83	ng	100
66) 4-Bromophenyl-phenylether	10.81	248	149616	45.68	ng	95
67) Hexachlorobenzene	10.87	284	142352	39.26	ng	# 90
68) Atrazine	10.97	200	125847	36.71	ng	91
69) Pentachlorophenol	11.06	266	155249	72.35	ng	96
70) Phenanthrene	11.28	178	671525	37.80	ng	100
71) Anthracene	11.34	178	803501	45.48	ng	99
72) Carbazole	11.48	167	614770	36.97	ng	99
73) Di-n-butylphthalate	11.83	149	796069	41.16	ng	99
74) Fluoranthene	12.47	202	789081	43.81	ng	93
76) Benzidine	12.58	184	312920	26.70	ng	99
77) Pyrene	12.69	202	711617	36.19	ng	100
79) Butylbenzylphthalate	13.31	149	344715	39.30	ng	# 70
80) Benzo(a)anthracene	13.87	228	619548	41.49	ng	99
81) 3,3'-Dichlorobenzidine	13.84	252	142201	25.33	ng	# 96
82) Chrysene	13.91	228	479011	32.42	ng	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	470188	46.96	ng	# 100
84) Di-n-octyl phthalate	14.49	149	712540	41.89	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.58	276	475493	41.84	ng	# 100
87) Benzo(b)fluoranthene	14.88	252	896776	87.44	ng	# 97
88) Benzo(k)fluoranthene	14.88	252	896776	100.44	ng	98
89) Benzo(a)pyrene	15.21	252	425262	48.97	ng	# 95
90) Dibenzo(a,h)anthracene	16.59	278	391808	54.03	ng	98
91) Benzo(g,h,i)perylene	16.98	276	405301	54.02	ng	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.03 min

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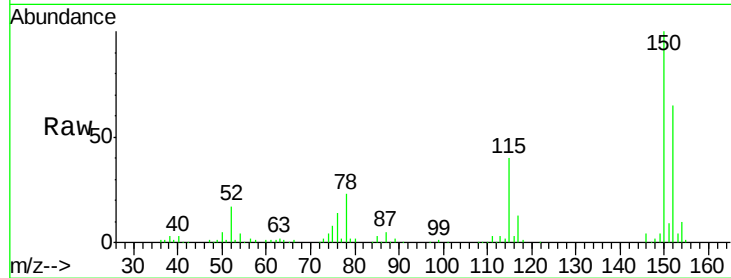
Tgt Ion:152 Resp: 82918

Ion Ratio Lower Upper

152 100

150 153.8 123.8 185.6

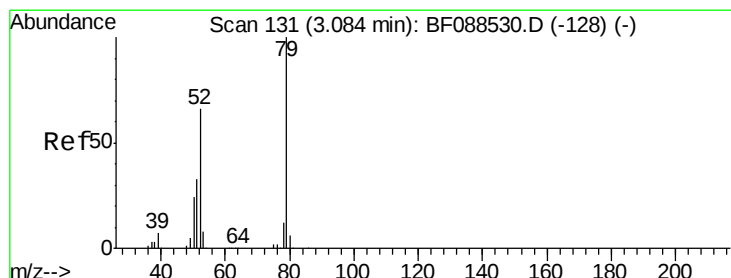
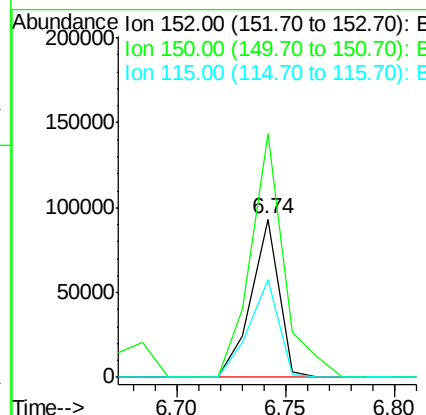
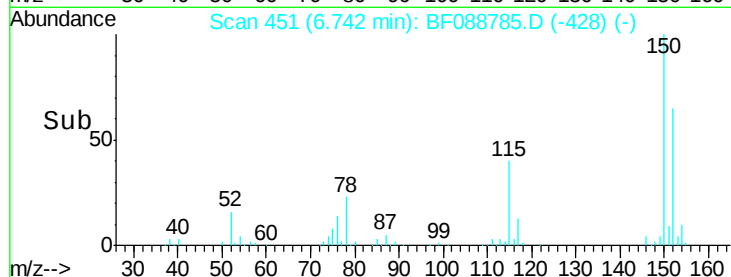
115 61.3 39.6 59.4#



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



#3

Pyridine

Concen: 27.20 ng

RT: 2.99 min Scan# 123

Delta R.T. -0.01 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

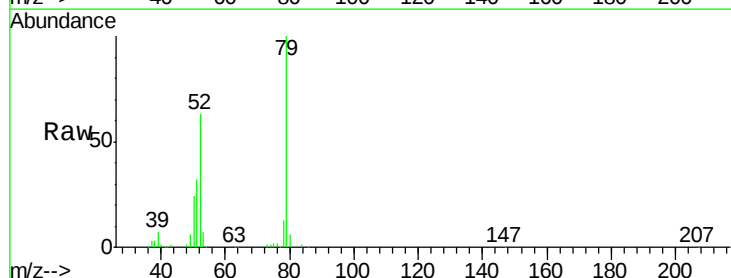
Tgt Ion: 79 Resp: 216531

Ion Ratio Lower Upper

79 100

52 62.5 56.3 84.5

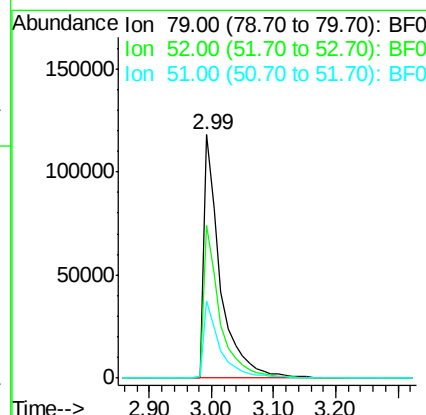
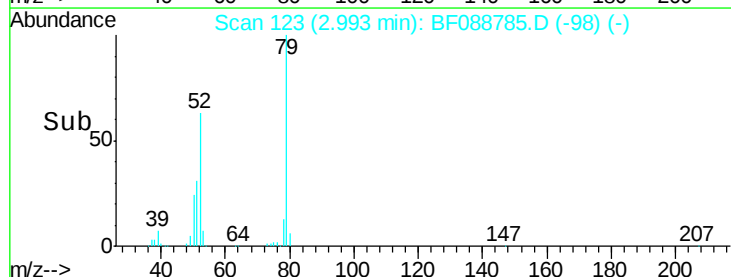
51 31.6 27.4 41.2

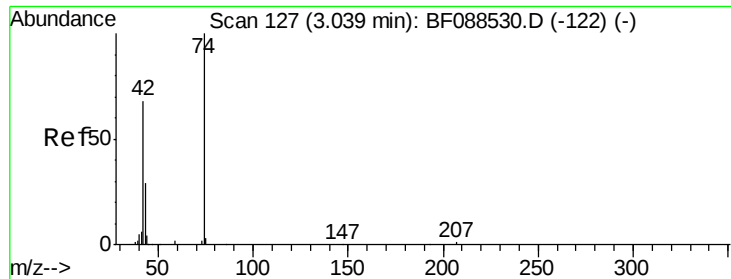


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0





#4

n-Nitrosodimethylamine

Concen: 32.14 ng

RT: 2.96 min Scan# 120

Delta R.T. -0.01 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

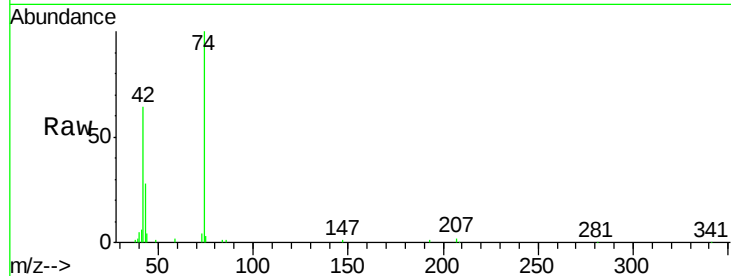
Tgt Ion: 42 Resp: 97744

Ion Ratio Lower Upper

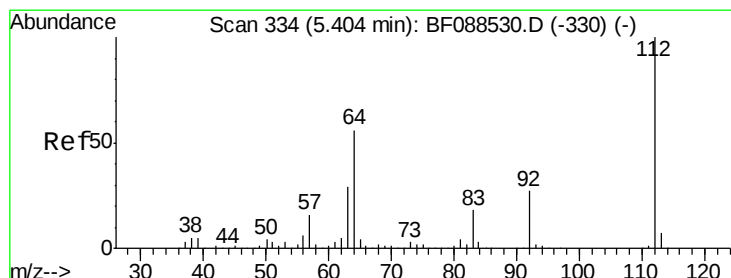
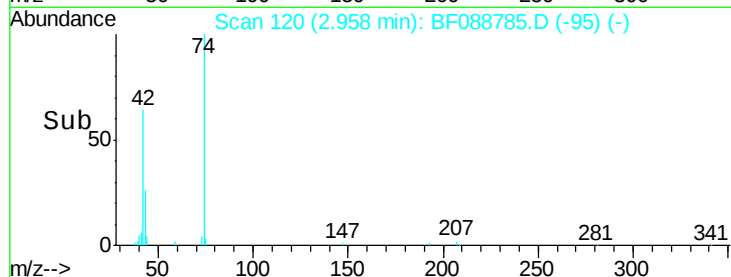
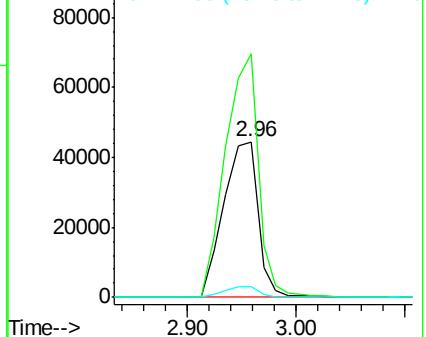
42 100

74 156.3 108.6 163.0

44 6.5 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: 109.46 ng

RT: 5.34 min Scan# 328

Delta R.T. -0.03 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

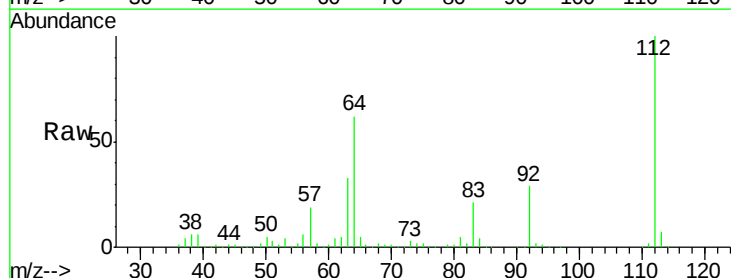
Tgt Ion: 112 Resp: 605608

Ion Ratio Lower Upper

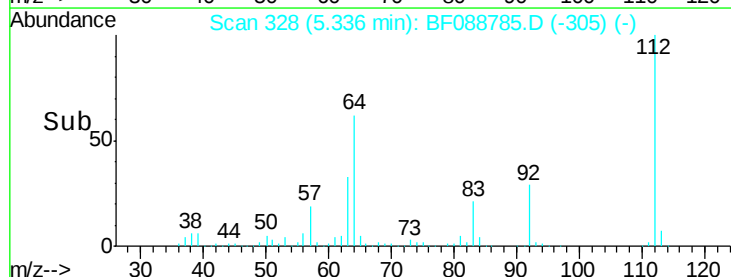
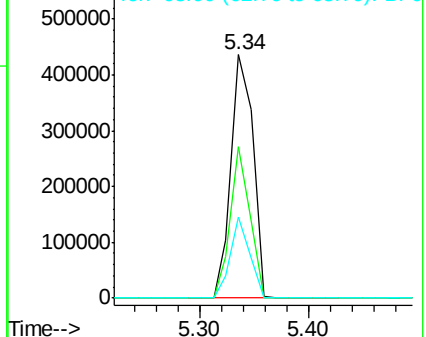
112 100

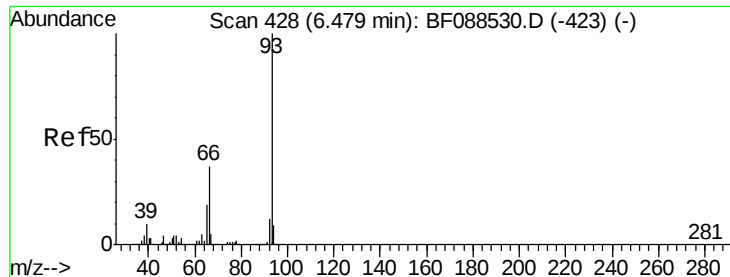
64 62.4 42.2 63.2

63 33.3 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: 23.94 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.03 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

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K8-B2(0-11)CMSD

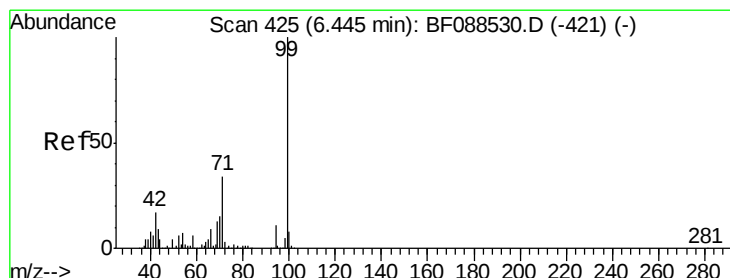
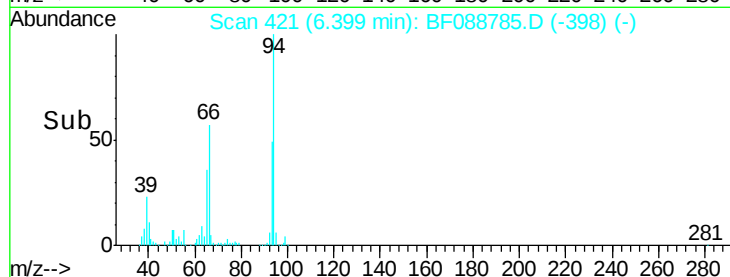
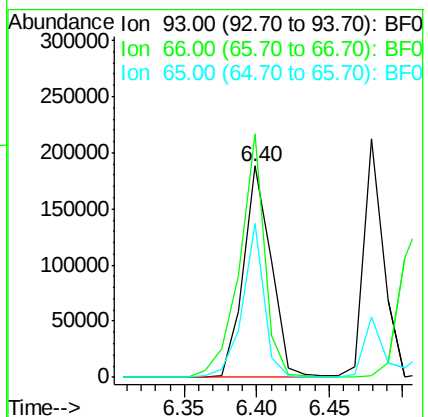
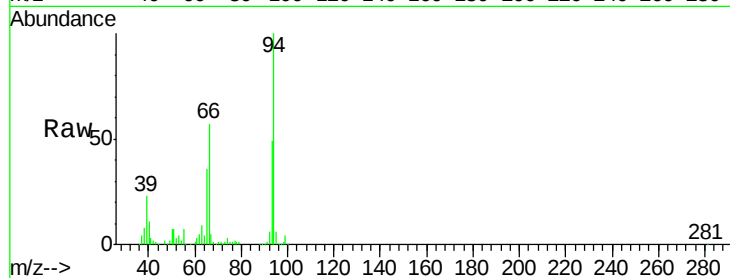
Tgt Ion: 93 Resp: 249386

Ion Ratio Lower Upper

93 100

66 115.2 29.8 44.8#

65 72.6 14.9 22.3#



#7

Phenol-d6

Concen: 111.67 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

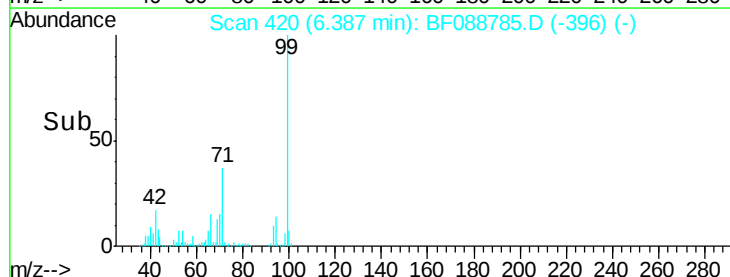
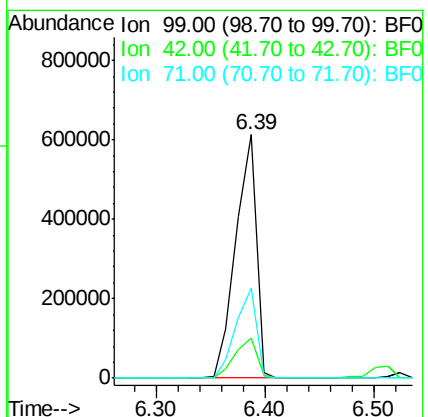
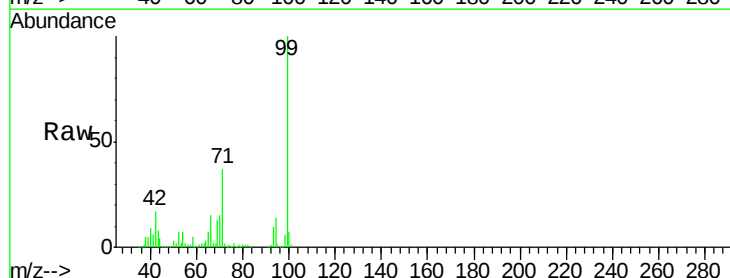
Tgt Ion: 99 Resp: 798322

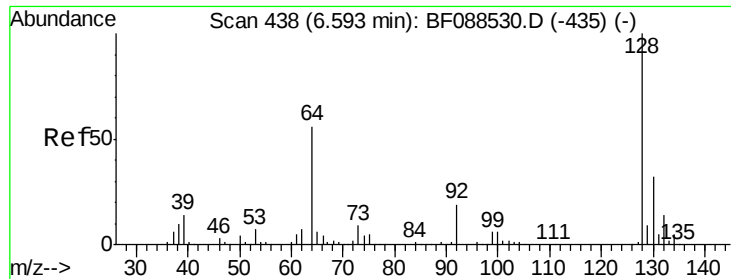
Ion Ratio Lower Upper

99 100

42 16.6 12.2 18.2

71 37.1 23.4 35.0#

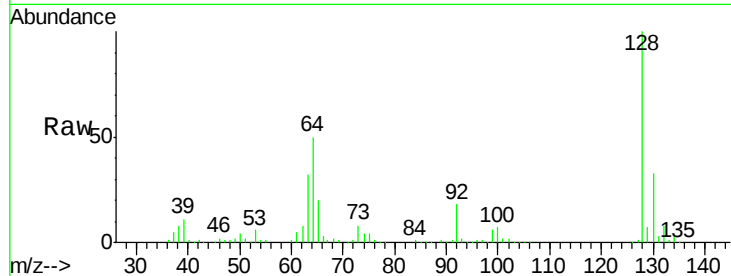




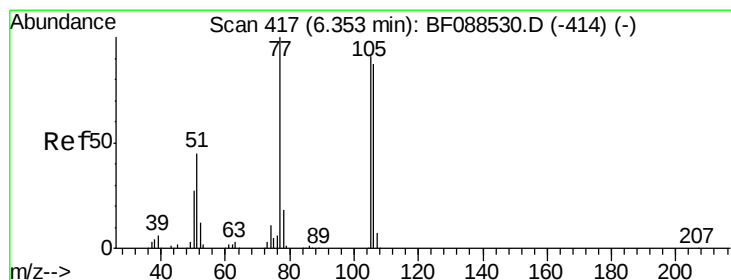
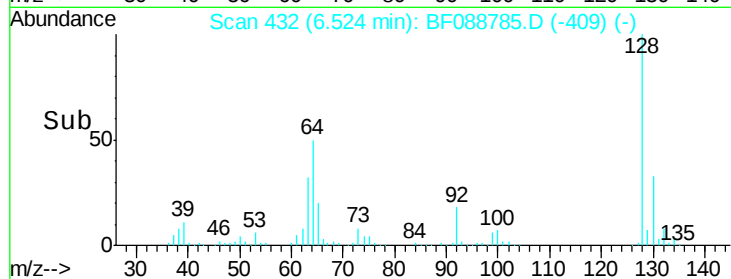
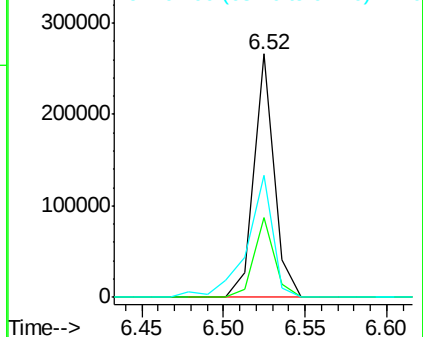
#8
2-Chlorophenol
Concen: 38.62 ng
RT: 6.52 min Scan# 432
Delta R.T. -0.03 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

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Tgt Ion:128 Resp: 229671
Ion Ratio Lower Upper
128 100
130 32.5 12.0 52.0
64 49.9 30.8 70.8

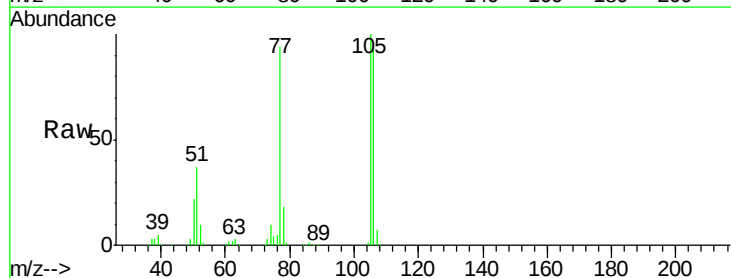


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

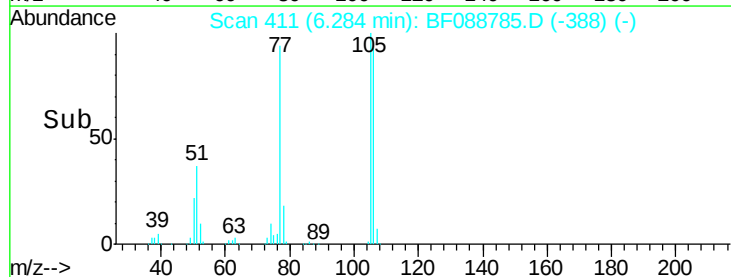
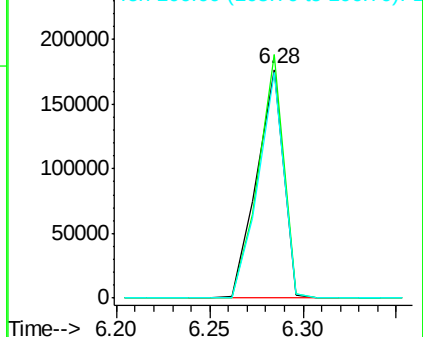


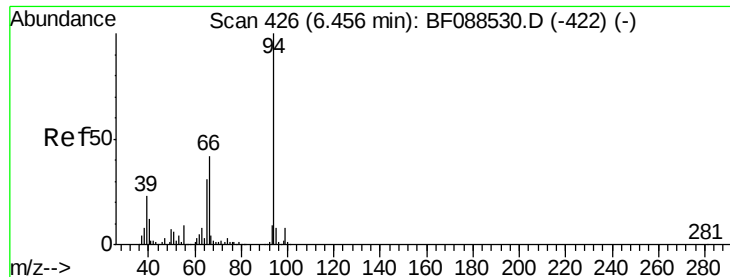
#9
Benzaldehyde
Concen: 36.01 ng
RT: 6.28 min Scan# 411
Delta R.T. -0.03 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion: 77 Resp: 174367
Ion Ratio Lower Upper
77 100
105 106.5 90.6 130.6
106 99.0 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 40.98 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.03 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

Instrument :

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ClientSampleId :

K8-B2(0-11)CMSD

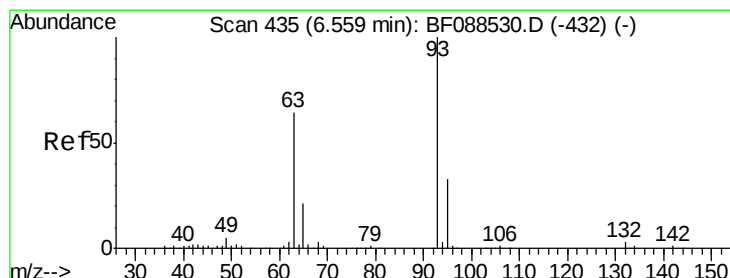
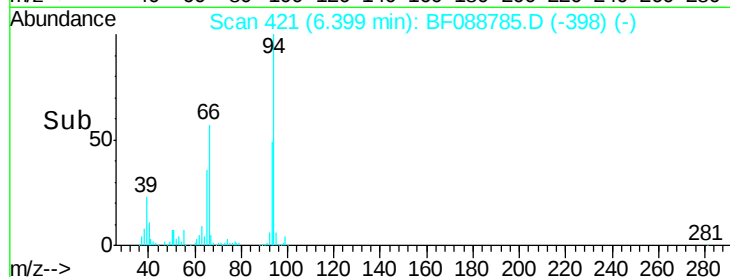
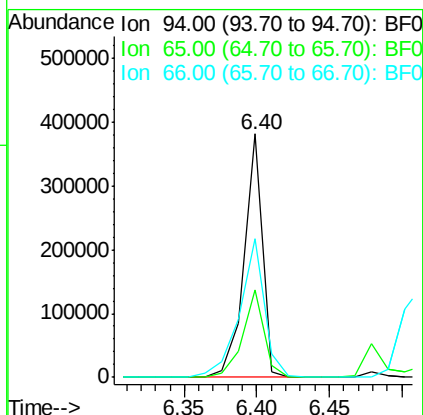
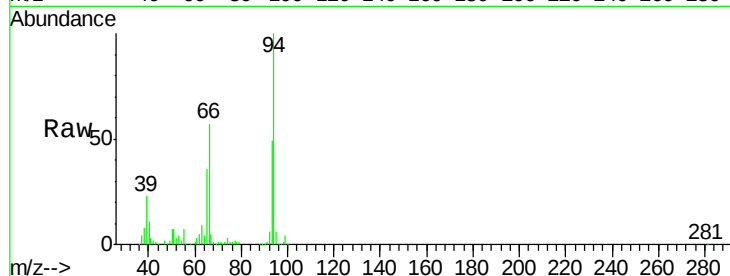
Tgt Ion: 94 Resp: 334379

Ion Ratio Lower Upper

94 100

65 35.8 5.9 45.9

66 56.8 14.0 54.0#



#11

bis(2-Chloroethyl)ether

Concen: 32.49 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.03 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

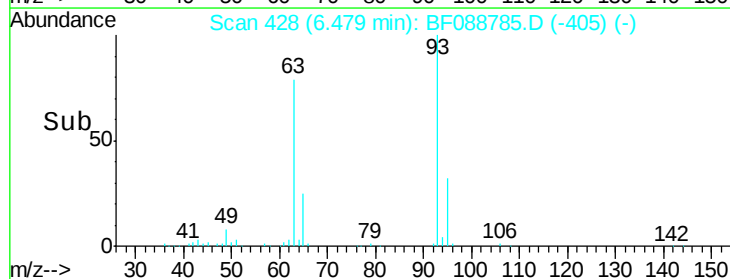
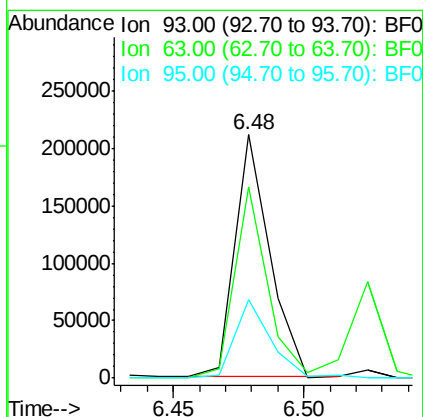
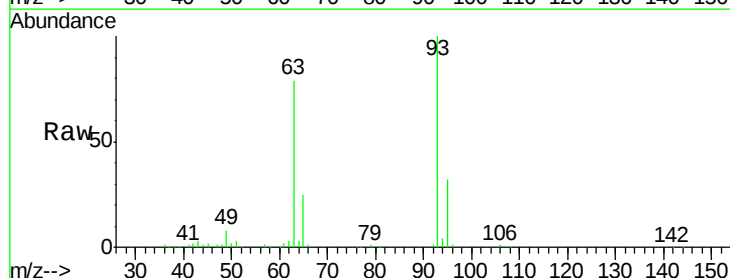
Tgt Ion: 93 Resp: 197665

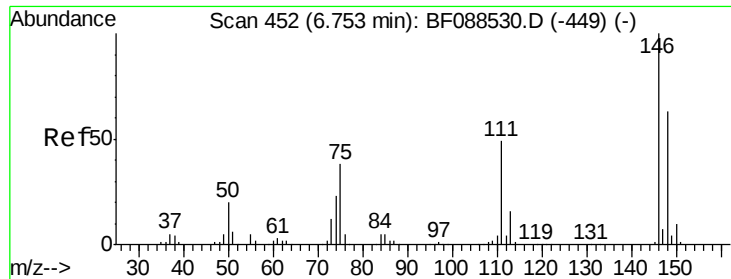
Ion Ratio Lower Upper

93 100

63 78.8 67.6 107.6

95 32.2 12.5 52.5

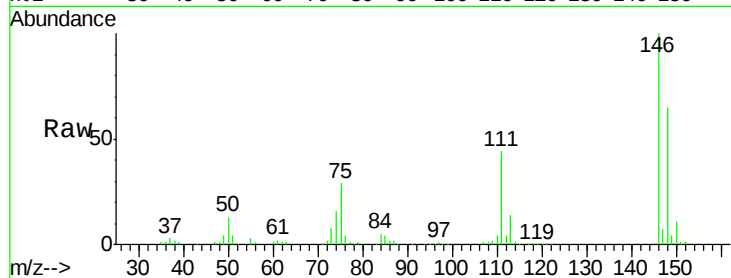




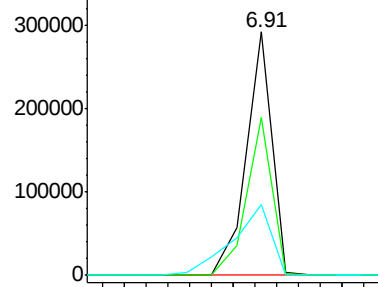
#12
 1,3-Dichlorobenzene
 Concen: 37.16 ng
 RT: 6.91 min Scan# 466
 Delta R.T. 0.19 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

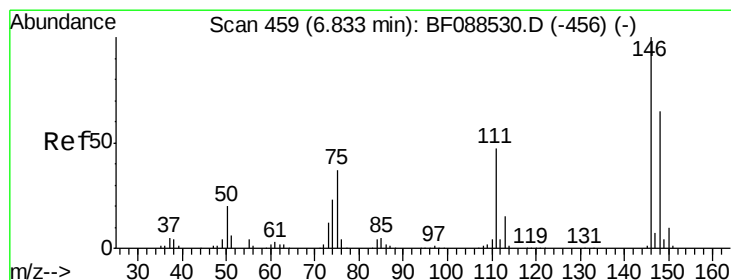
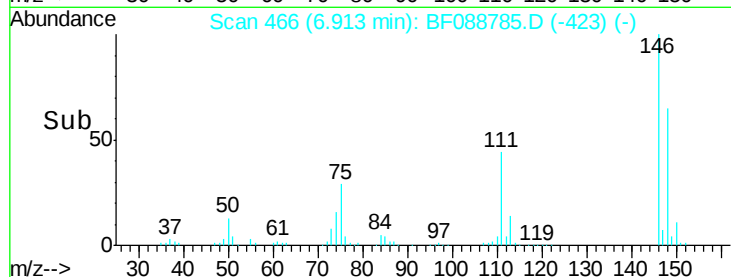
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.9	76.3
75	29.0	25.6	38.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

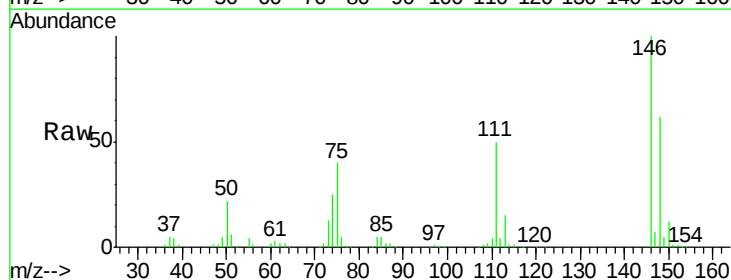


Time-->

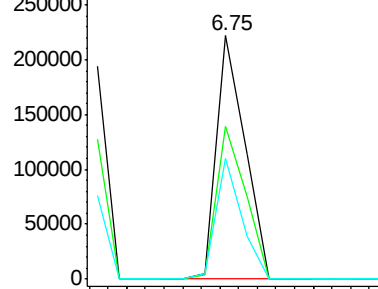


#13
 1,4-Dichlorobenzene
 Concen: 36.00 ng
 RT: 6.75 min Scan# 452
 Delta R.T. -0.05 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

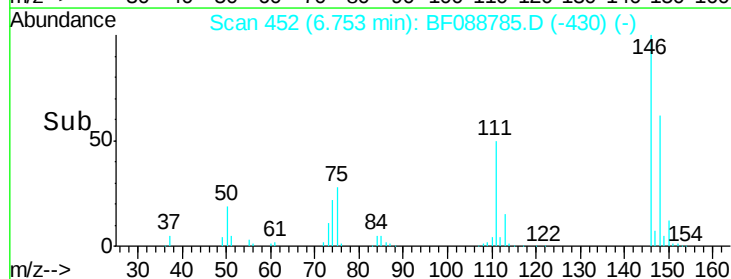
Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.0	78.0
111	49.7	33.8	50.8

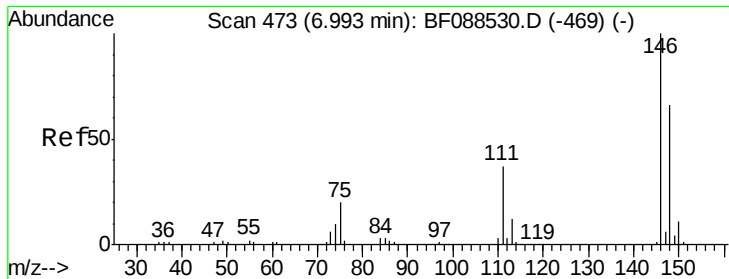


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E



Time-->

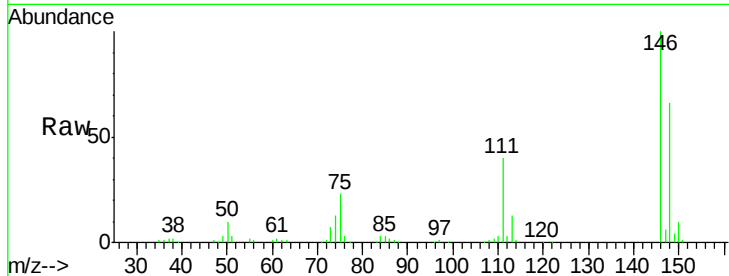




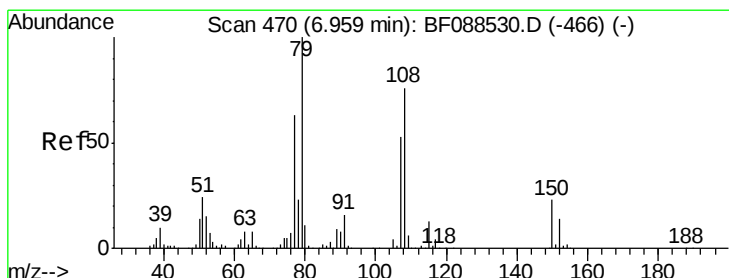
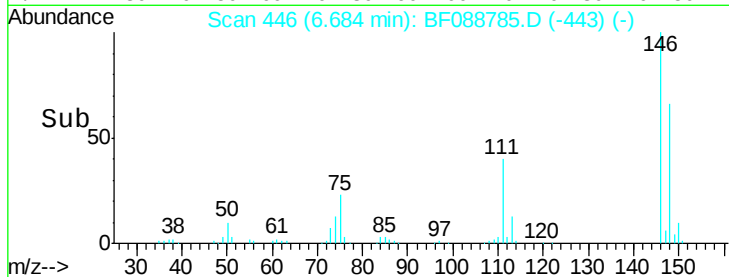
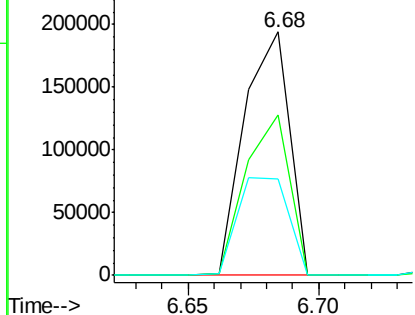
#14
 1,2-Dichlorobenzene
 Concen: 38.90 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.26 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

Tgt Ion:146 Resp: 236496
 Ion Ratio Lower Upper
 146 100
 148 66.0 52.3 78.5
 111 39.5 28.7 43.1

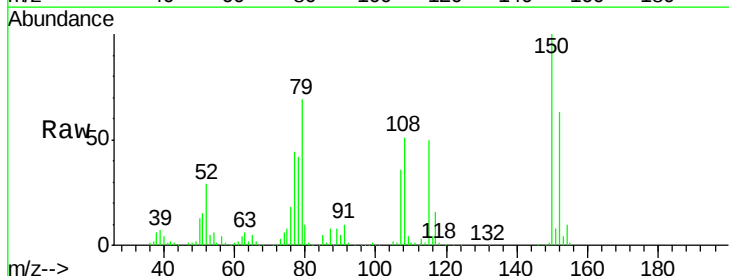


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

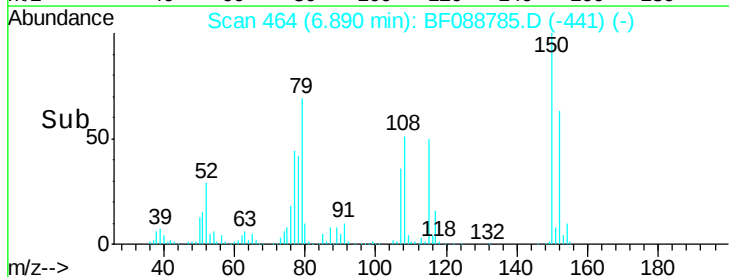
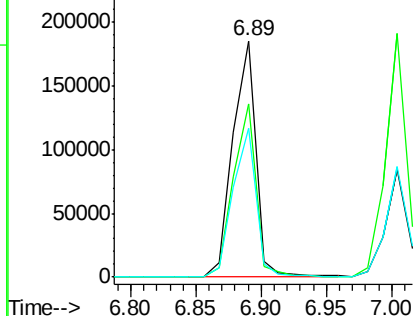


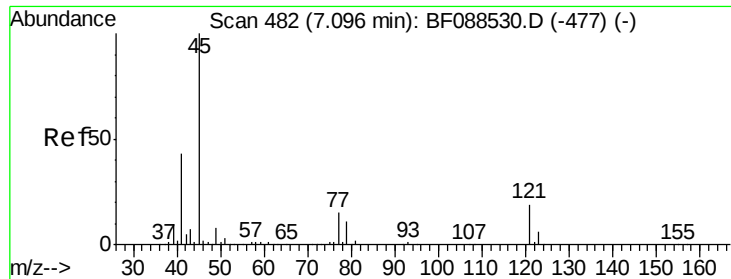
#15
 Benzyl Alcohol
 Concen: 43.21 ng
 RT: 6.89 min Scan# 464
 Delta R.T. -0.03 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

Tgt Ion: 79 Resp: 227328
 Ion Ratio Lower Upper
 79 100
 108 73.2 65.0 97.6
 77 63.3 50.3 75.5



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

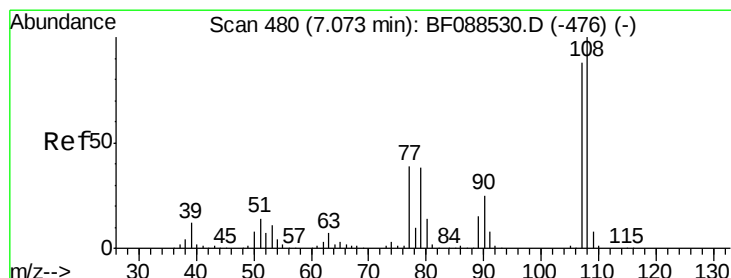
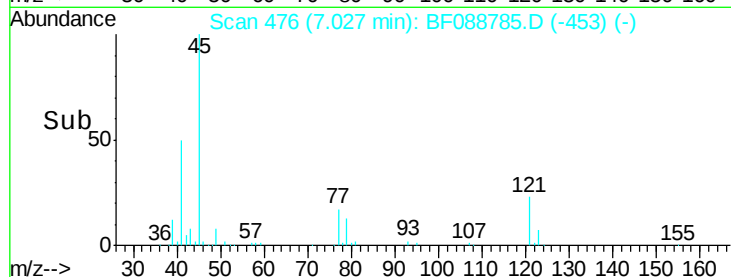
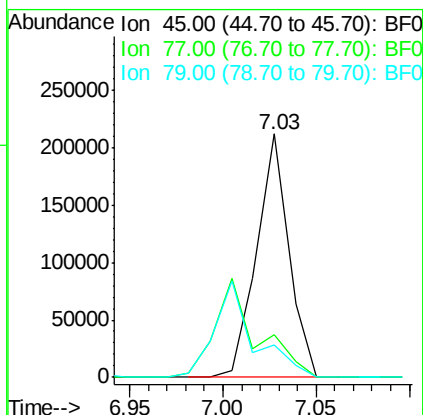
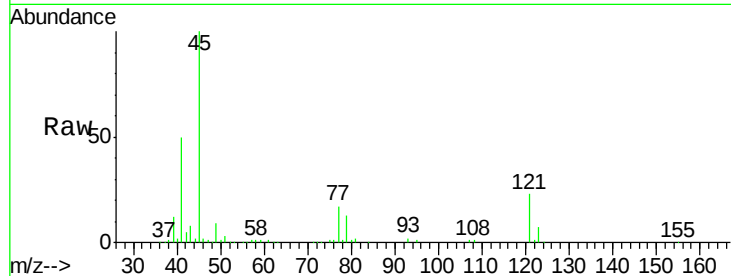




#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.68 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.03 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

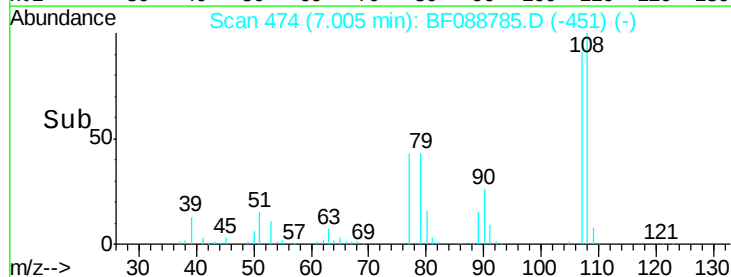
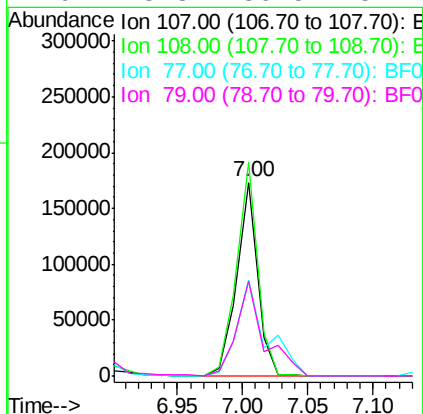
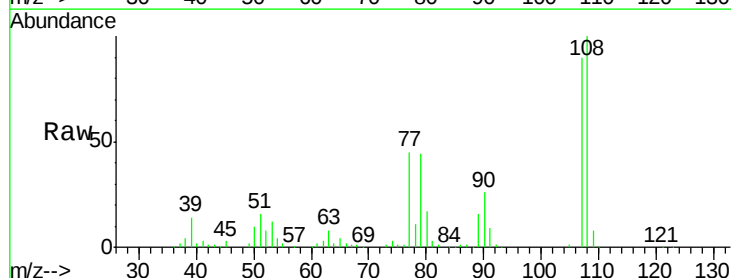
Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

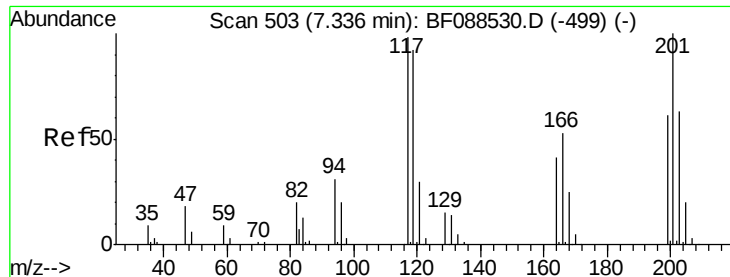
Tgt Ion: 45 Resp: 252720
Ion Ratio Lower Upper
45 100
77 17.4 0.0 32.5
79 13.2 0.0 29.5



#17
2-Methylphenol
Concen: 39.47 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion: 107 Resp: 191489
Ion Ratio Lower Upper
107 100
108 110.5 90.9 136.3
77 49.9 36.6 55.0
79 48.8 36.5 54.7

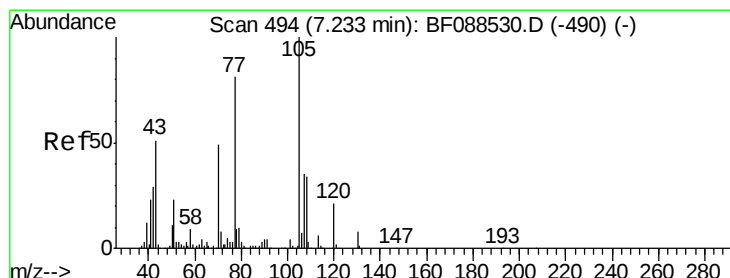
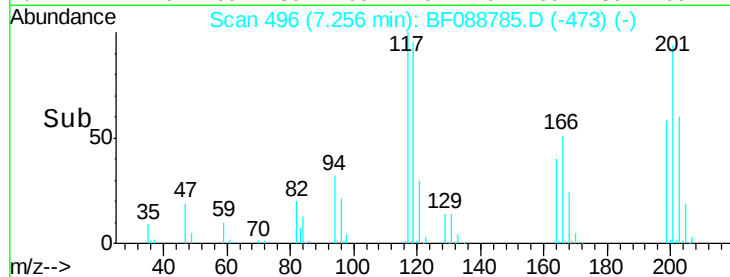
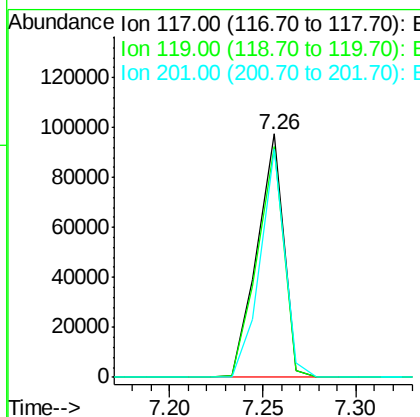
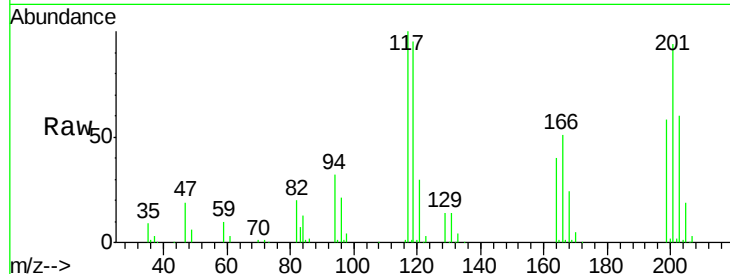




#18
Hexachloroethane
Concen: 38.25 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.03 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

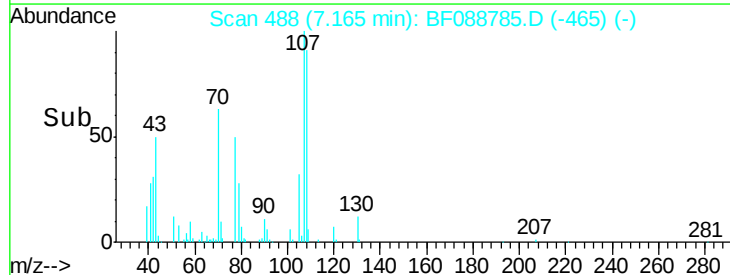
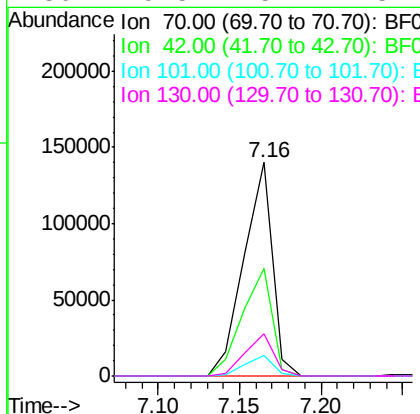
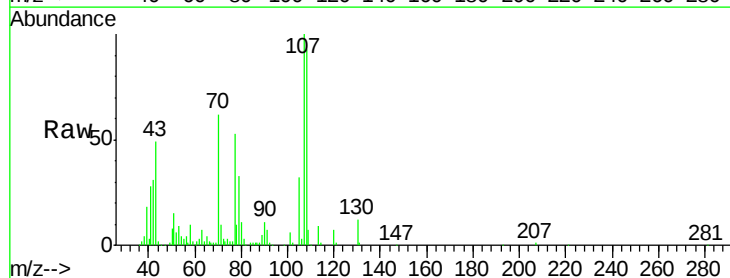
Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

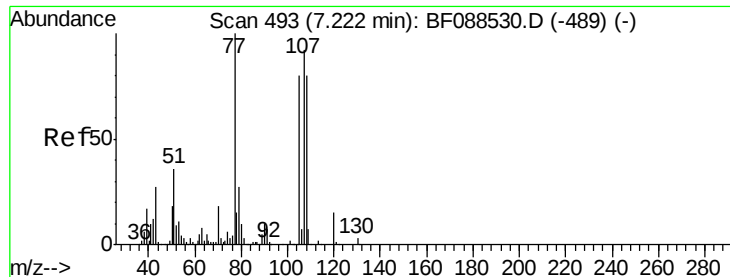
Tgt Ion: 117 Resp: 96093
Ion Ratio Lower Upper
117 100
119 95.0 77.4 116.2
201 94.0 80.4 120.6



#19
n-Nitroso-di-n-propylamine
Concen: 35.31 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.03 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion: 70 Resp: 169559
Ion Ratio Lower Upper
70 100
42 50.4 49.6 74.4
101 9.5 7.1 10.7
130 19.5 15.4 23.2





#20

3+4-Methylphenols

Concen: 45.33 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.03 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

Tgt Ion:107 Resp: 263894

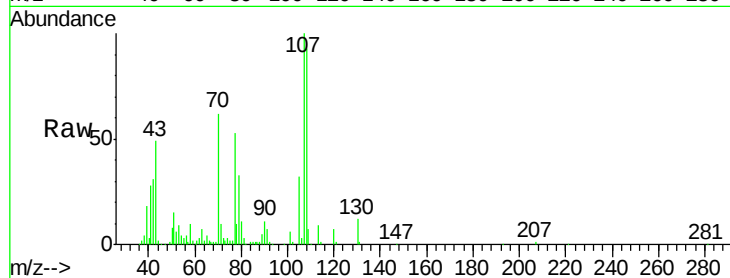
Ion Ratio Lower Upper

107 100

108 93.2 67.8 107.8

77 53.2 59.3 99.3#

79 32.9 7.0 47.0

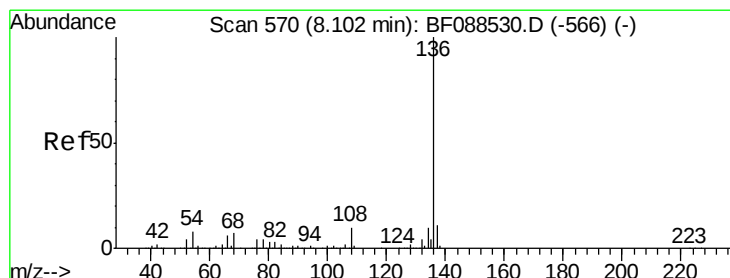
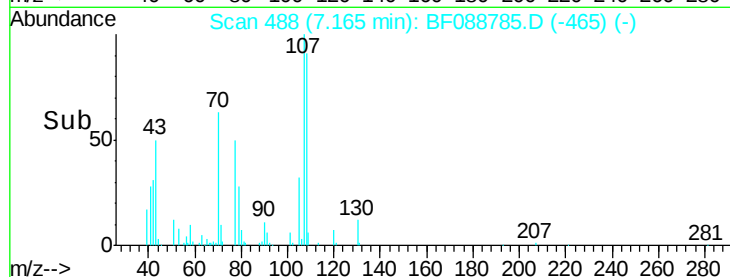
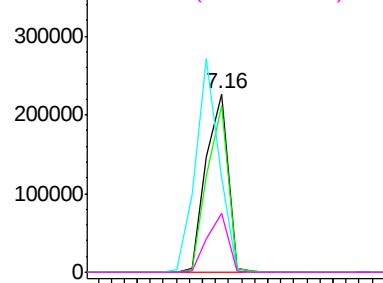


Abundance Ion 107.00 (106.70 to 107.70): E

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: 8.02 min Scan# 563

Delta R.T. -0.05 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

Tgt Ion:136 Resp: 323724

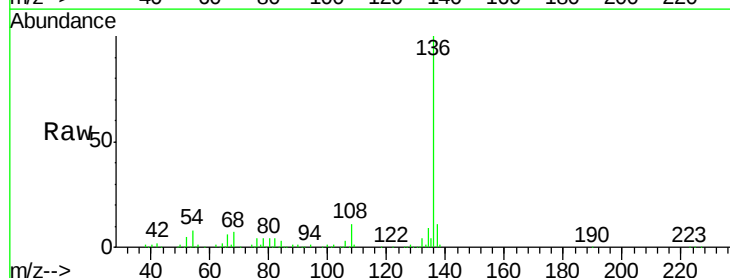
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.4 6.6 10.0

68 6.9 5.1 7.7

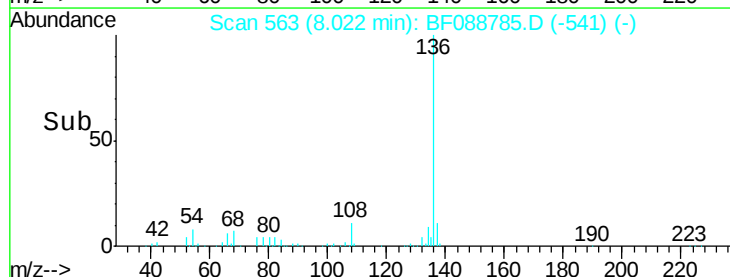
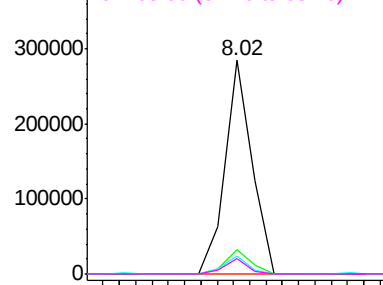


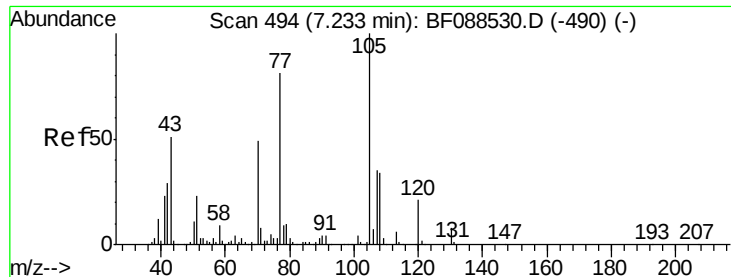
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 41.74 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.05 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

Tgt Ion:105 Resp: 327960

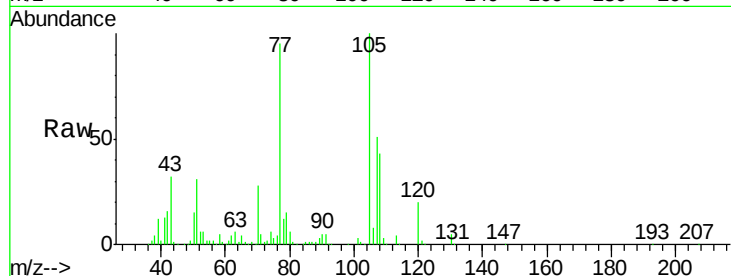
Ion Ratio Lower Upper

105 100

71 4.7 5.3 7.9#

51 31.1 18.2 27.4#

120 19.8 18.0 27.0

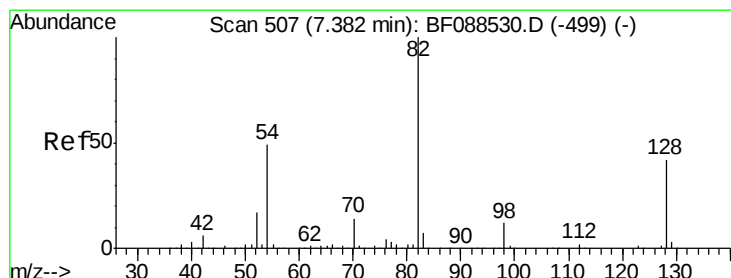
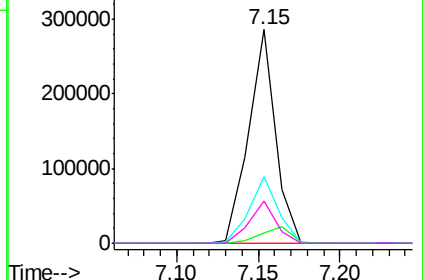
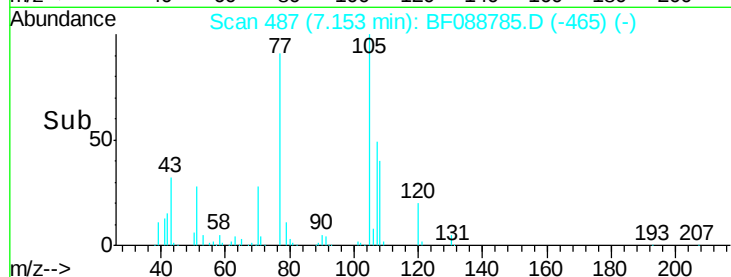


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 88.52 ng

RT: 7.30 min Scan# 500

Delta R.T. -0.05 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

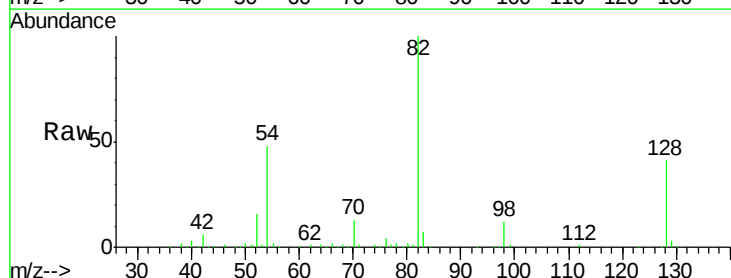
Tgt Ion: 82 Resp: 546817

Ion Ratio Lower Upper

82 100

128 40.7 35.9 53.9

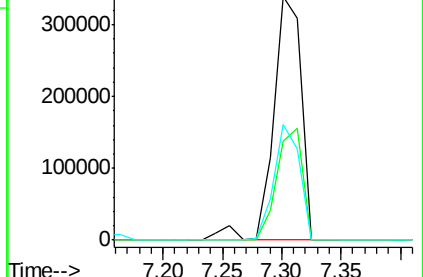
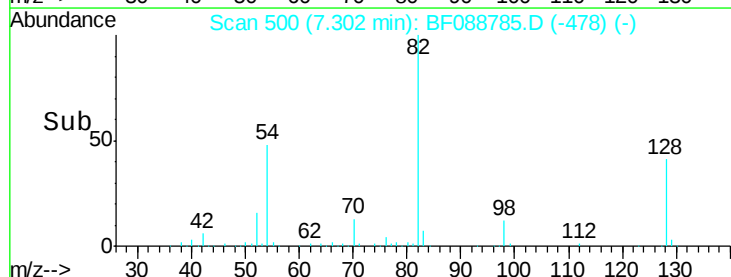
54 47.5 40.9 61.3

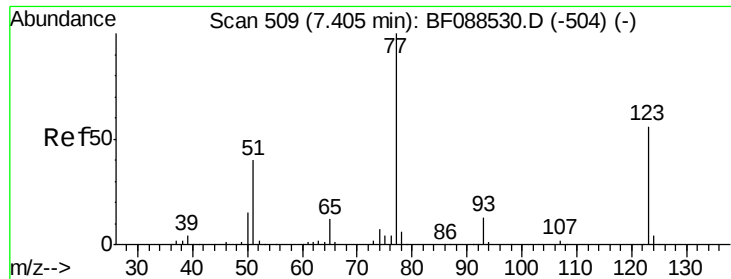


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 41.46 ng

RT: 7.32 min Scan# 502

Delta R.T. -0.03 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

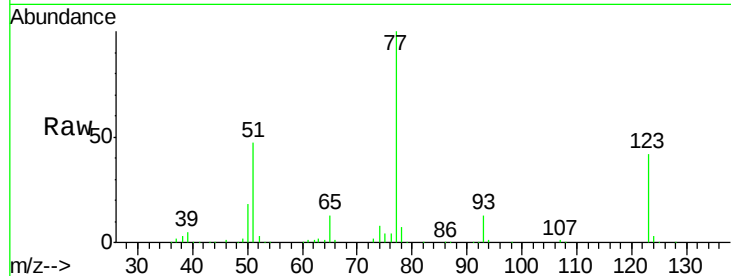
Tgt Ion: 77 Resp: 258248

Ion Ratio Lower Upper

77 100

123 42.0 45.0 67.4#

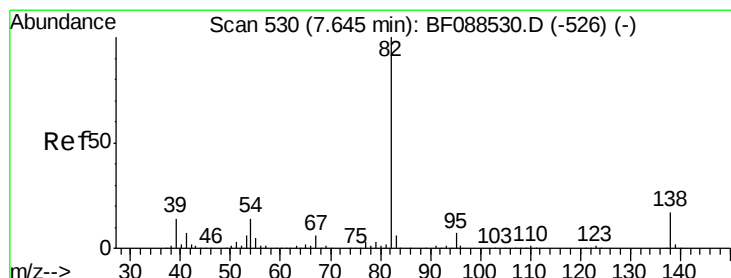
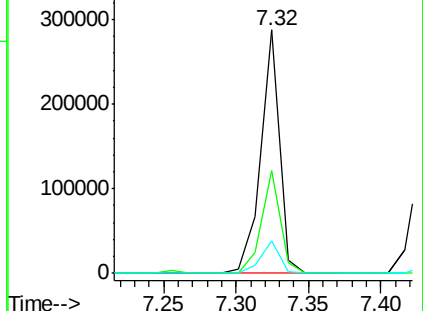
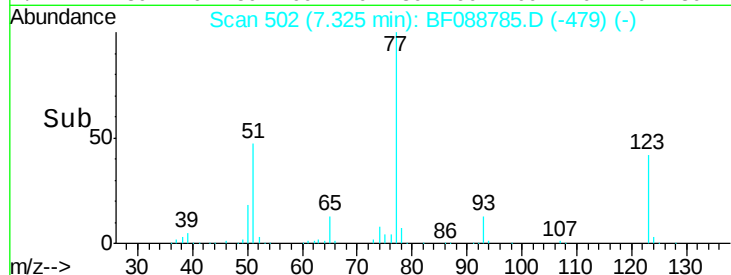
65 13.2 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 42.86 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.05 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

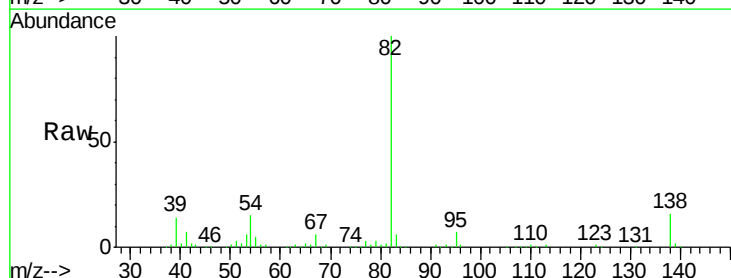
Tgt Ion: 82 Resp: 490423

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

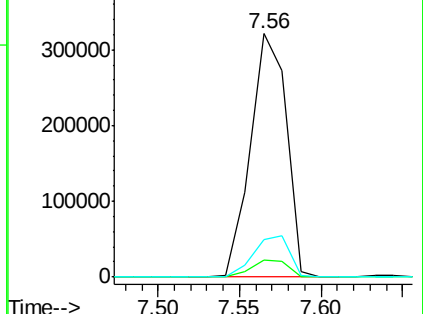
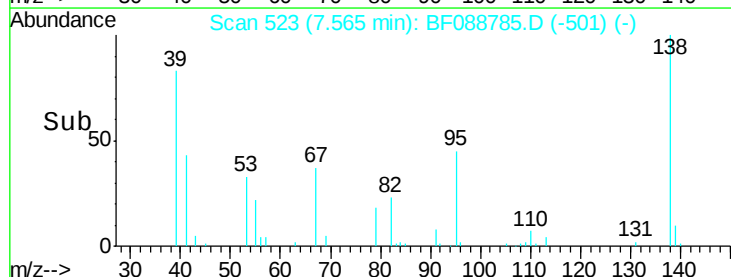
138 15.6 14.6 21.8

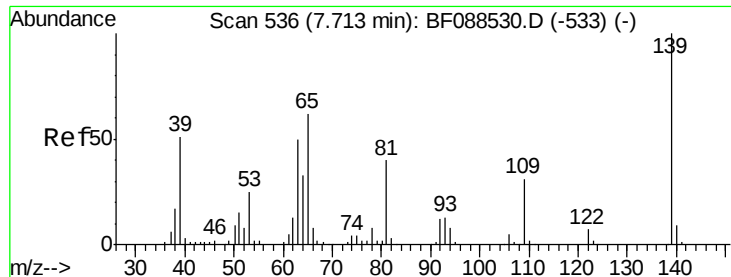


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

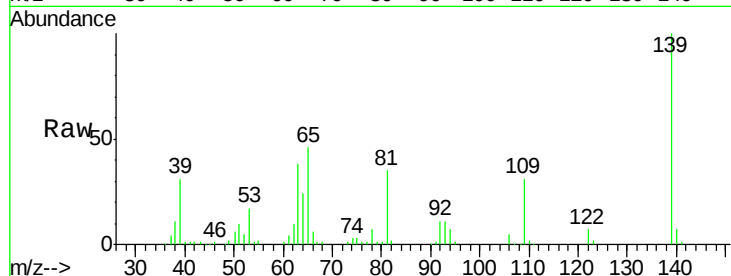




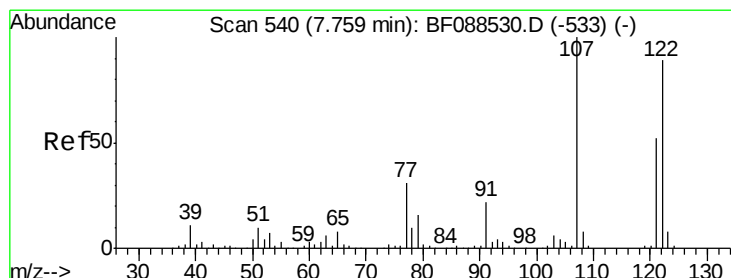
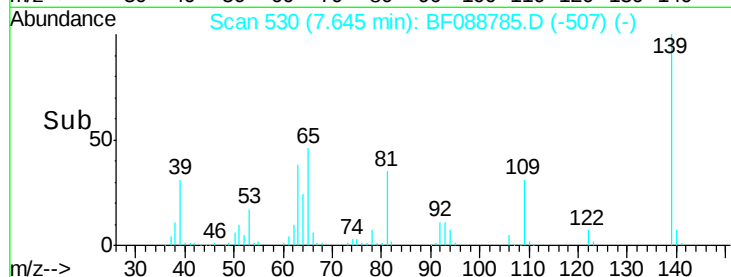
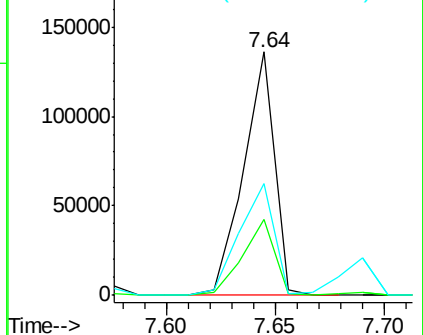
#26
 2-Nitrophenol
 Concen: 52.60 ng
 RT: 7.64 min Scan# 530
 Delta R.T. -0.03 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

Tgt Ion:139 Resp: 134340
 Ion Ratio Lower Upper
 139 100
 109 31.1 23.0 34.4
 65 46.2 45.8 68.8

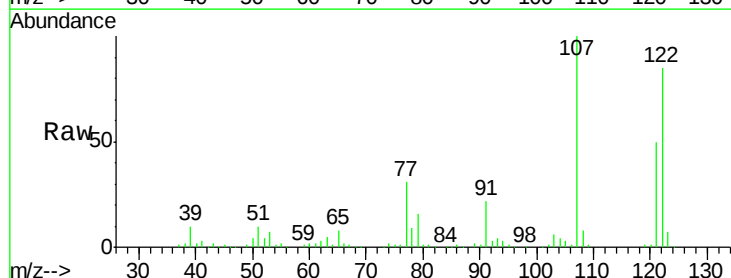


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): E

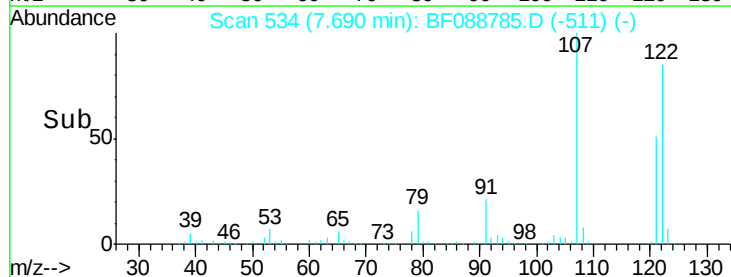
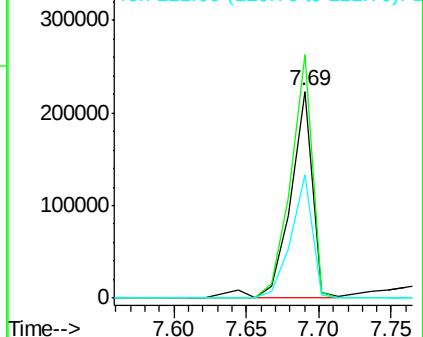


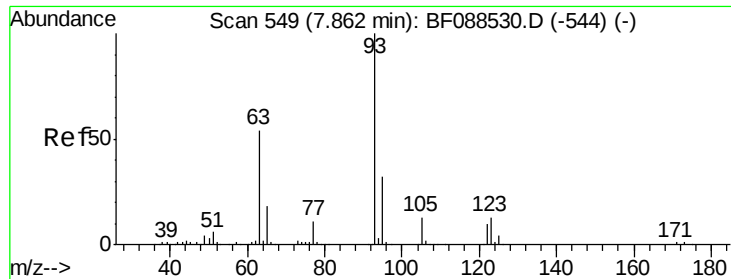
#27
 2,4-Dimethylphenol
 Concen: 44.71 ng
 RT: 7.69 min Scan# 534
 Delta R.T. -0.03 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

Tgt Ion:122 Resp: 237832
 Ion Ratio Lower Upper
 122 100
 107 117.6 82.4 123.6
 121 59.3 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

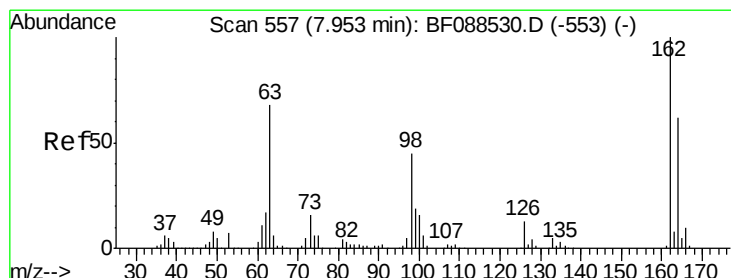
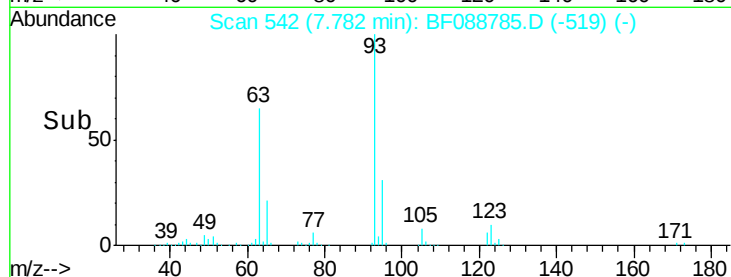
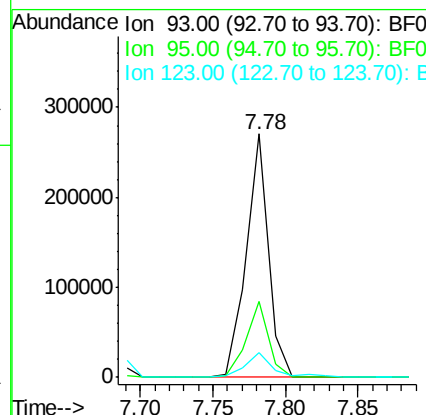
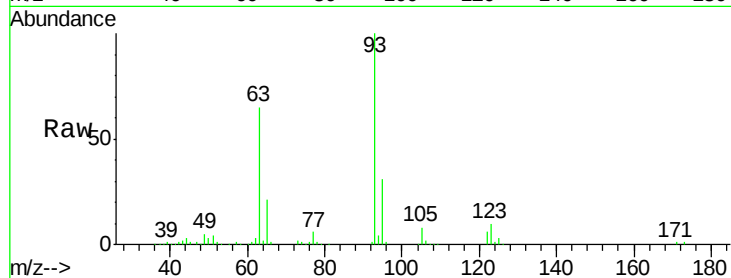




#28
bis(2-Chloroethoxy)methane
Concen: 38.44 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.03 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

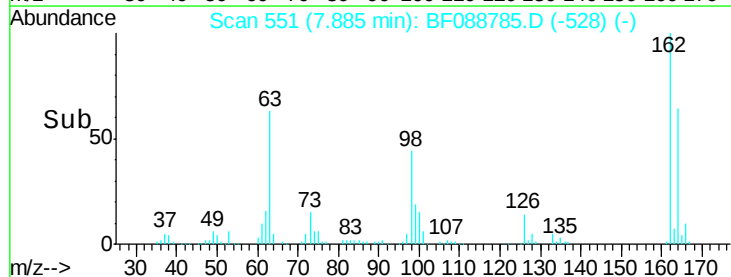
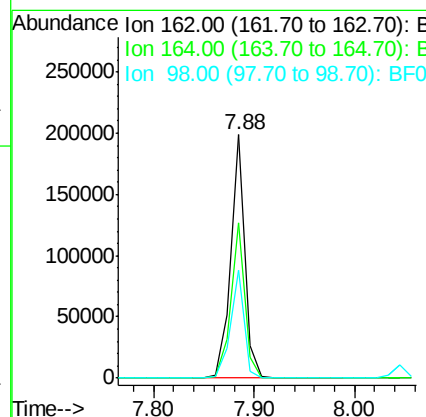
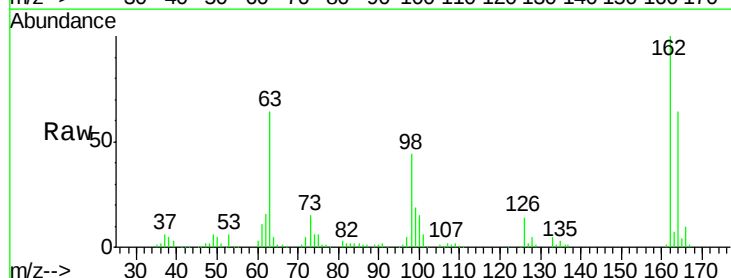
Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

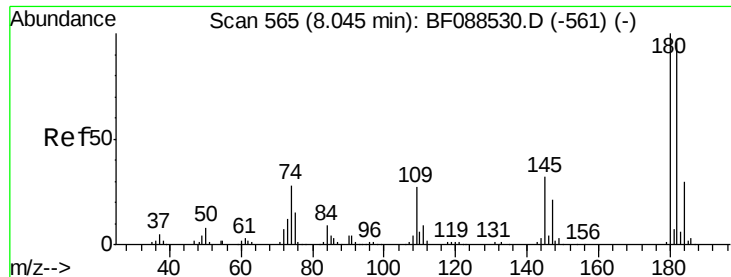
Tgt Ion: 93 Resp: 286249
Ion Ratio Lower Upper
93 100
95 31.4 26.5 39.7
123 10.2 11.6 17.4#



#29
2,4-Dichlorophenol
Concen: 45.01 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.03 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion: 162 Resp: 193517
Ion Ratio Lower Upper
162 100
164 63.9 43.8 83.8
98 44.5 21.3 61.3

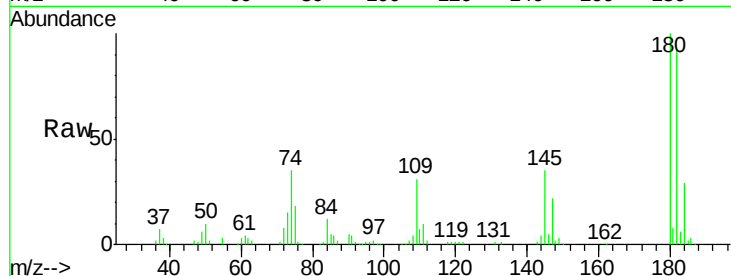




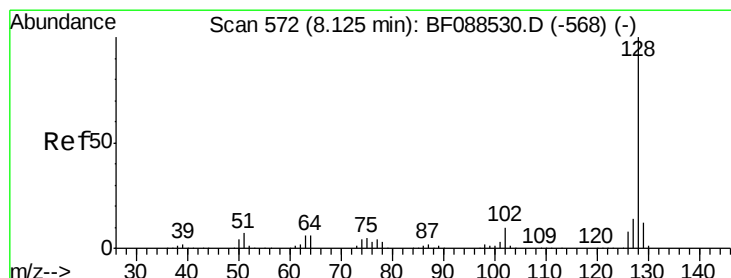
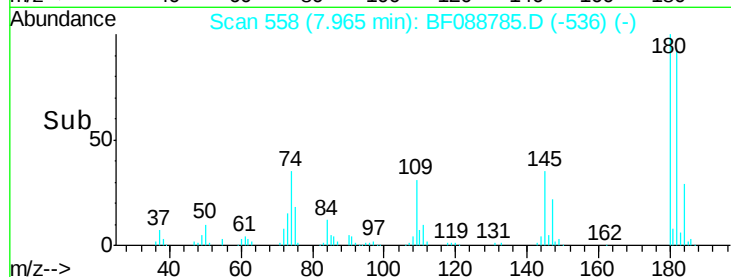
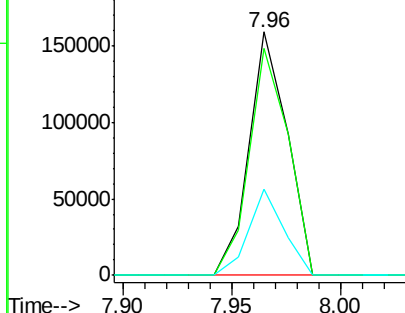
#30
 1,2,4-Trichlorobenzene
 Concen: 41.24 ng
 RT: 7.96 min Scan# 558
 Delta R.T. -0.05 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

Tgt Ion:180 Resp: 194570
 Ion Ratio Lower Upper
 180 100
 182 93.5 76.0 114.0
 145 35.4 26.5 39.7

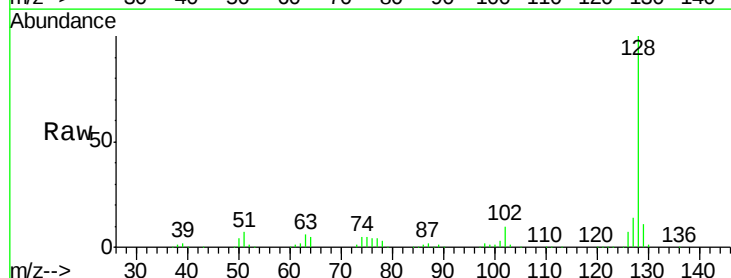


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

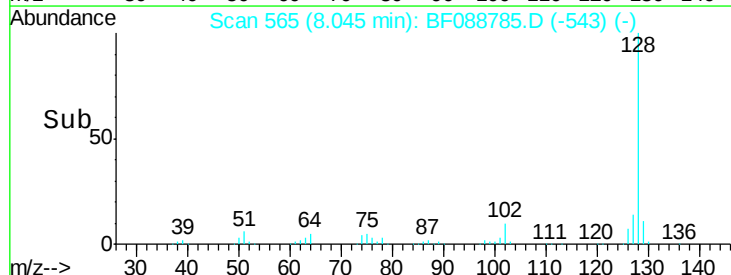
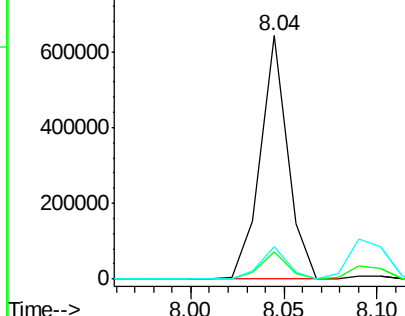


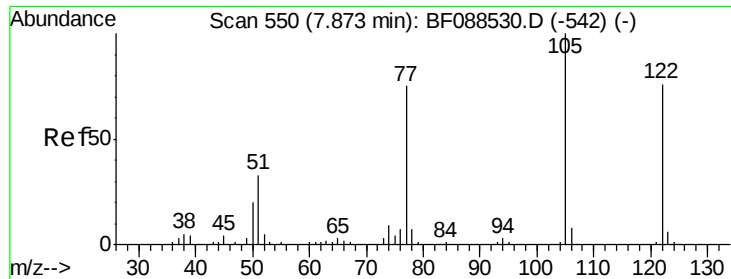
#31
 Naphthalene
 Concen: 40.75 ng
 RT: 8.04 min Scan# 565
 Delta R.T. -0.05 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

Tgt Ion:128 Resp: 650348
 Ion Ratio Lower Upper
 128 100
 129 11.5 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

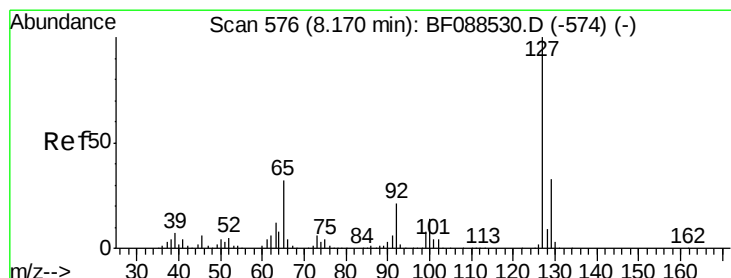
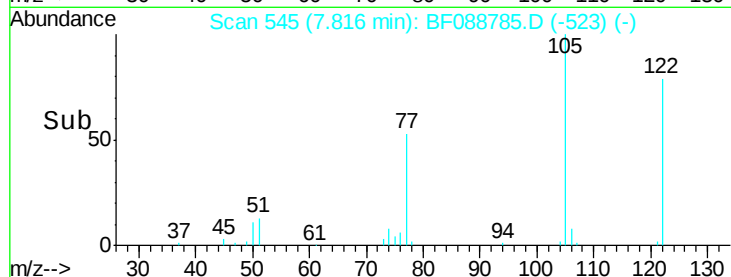
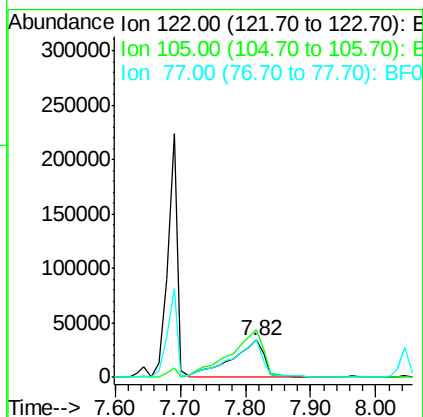
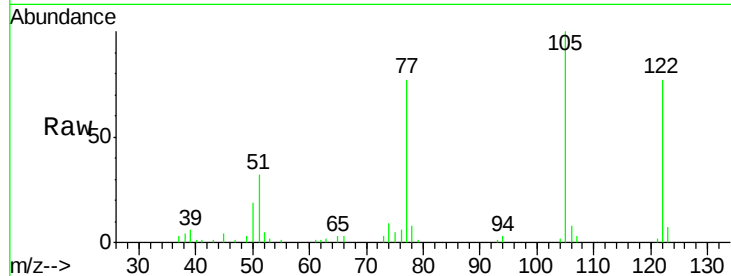




#32
Benzoic acid
Concen: 31.27 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.05 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

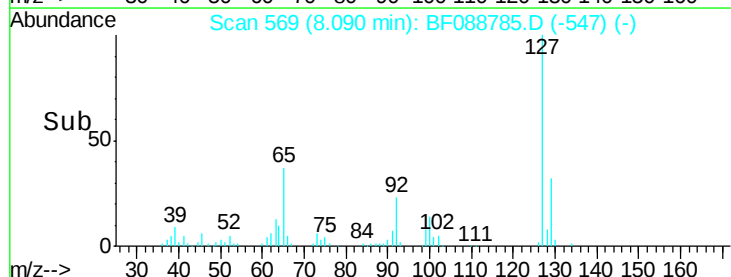
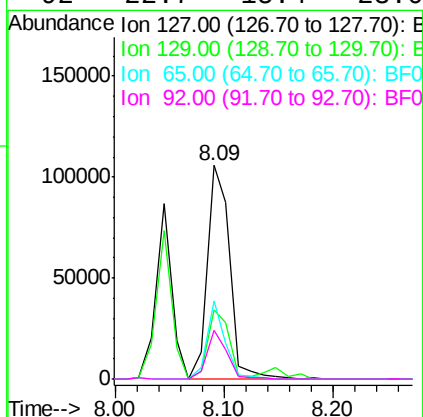
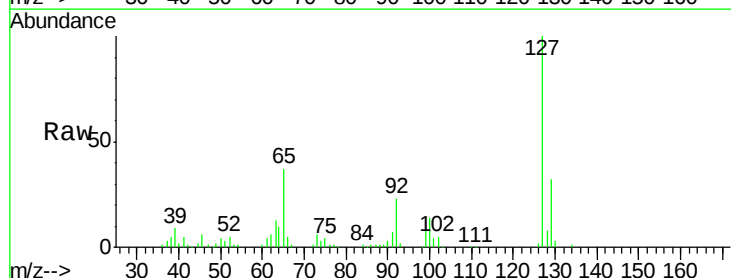
Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

Tgt Ion:122 Resp: 120785
Ion Ratio Lower Upper
122 100
105 129.1 101.6 141.6
77 99.3 70.6 110.6



#33
4-Chloroaniline
Concen: 21.28 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.05 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion:127 Resp: 151080
Ion Ratio Lower Upper
127 100
129 32.3 26.3 39.5
65 36.7 24.7 37.1
92 22.7 15.4 23.0

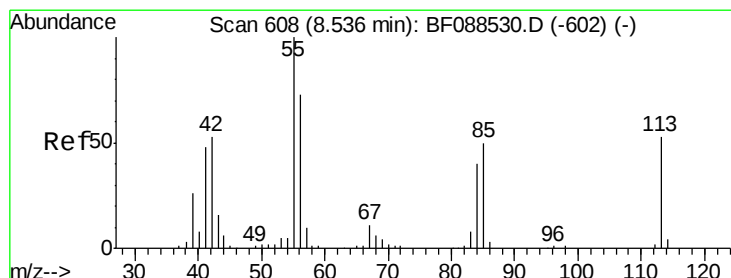
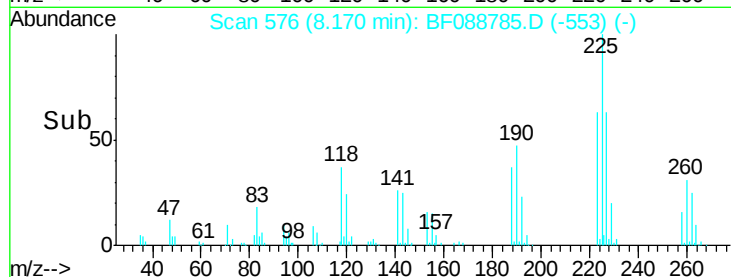
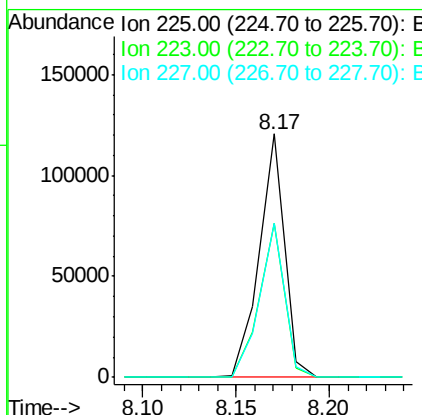
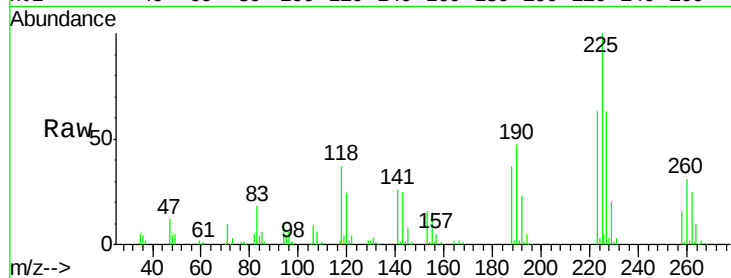




#34
Hexachlorobutadiene
Concen: 44.58 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.03 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

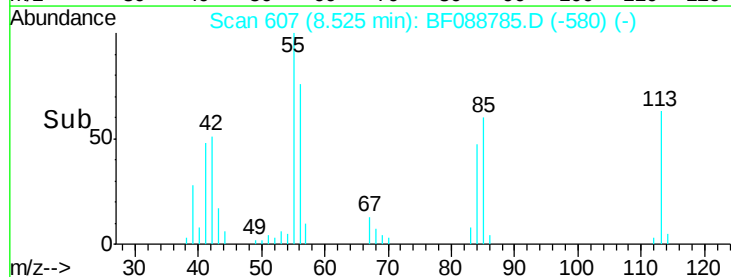
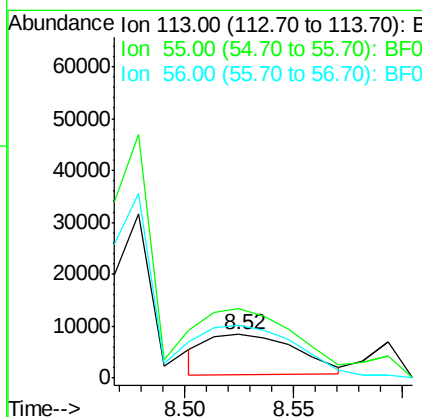
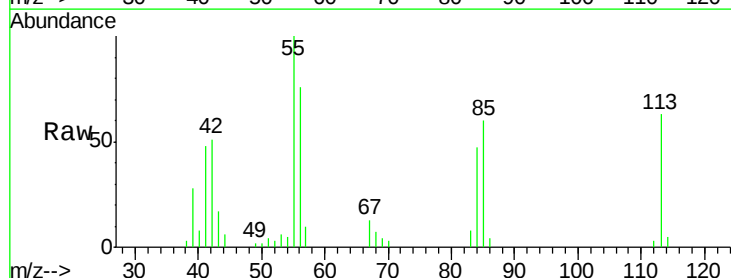
Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

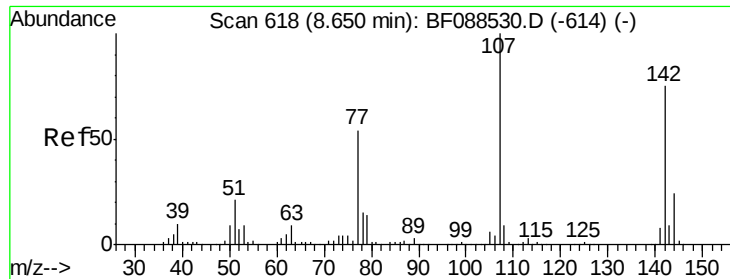
Tgt Ion:225 Resp: 112614
Ion Ratio Lower Upper
225 100
223 63.5 50.9 76.3
227 63.0 51.9 77.9



#35
Caprolactam
Concen: 15.37 ng
RT: 8.52 min Scan# 607
Delta R.T. 0.01 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion:113 Resp: 22440
Ion Ratio Lower Upper
113 100
55 159.0 158.6 198.6
56 121.3 110.6 150.6

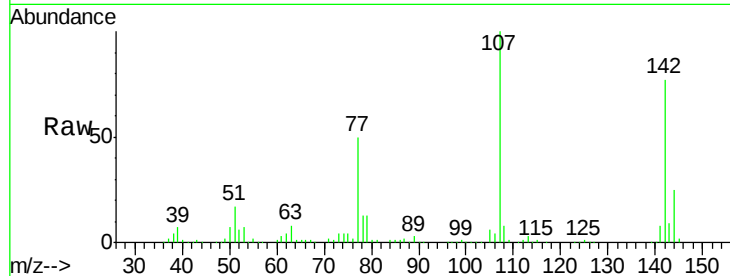




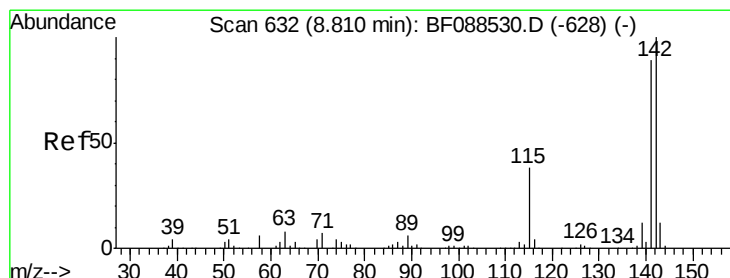
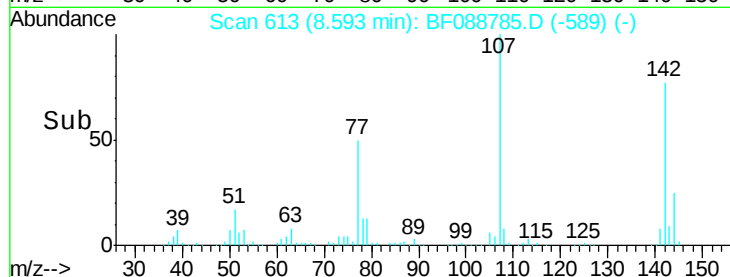
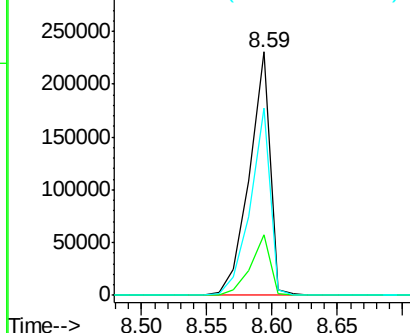
#36
 4-Chloro-3-methylphenol
 Concen: 50.40 ng
 RT: 8.59 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

Tgt Ion:107 Resp: 256241
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.8 31.2
 142 77.1 63.4 95.2

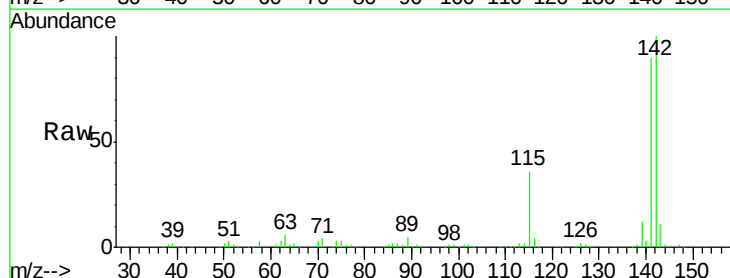


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

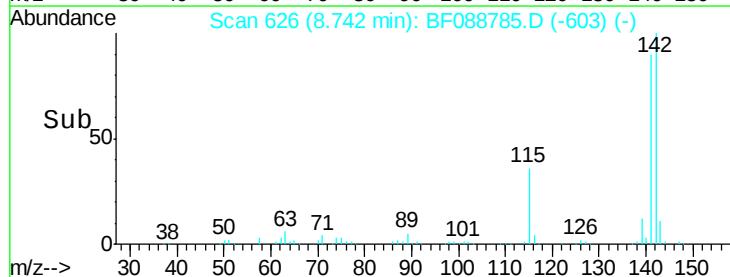
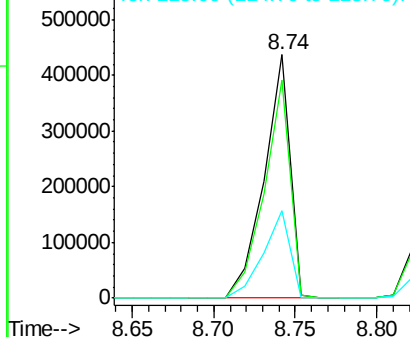


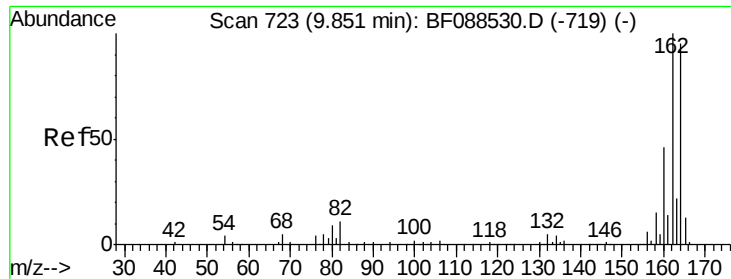
#37
 2-Methylnaphthalene
 Concen: 47.14 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.03 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

Tgt Ion:142 Resp: 484375
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.0 106.6
 115 36.1 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

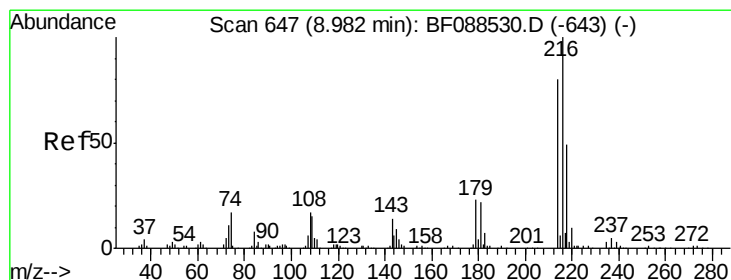
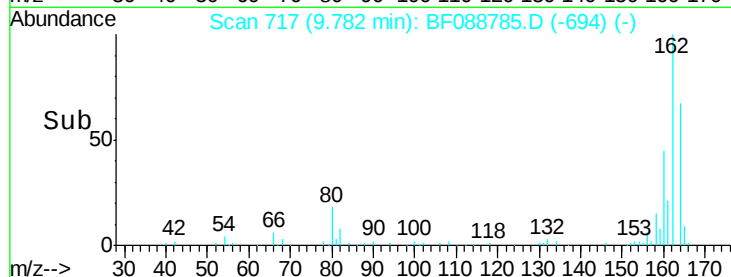
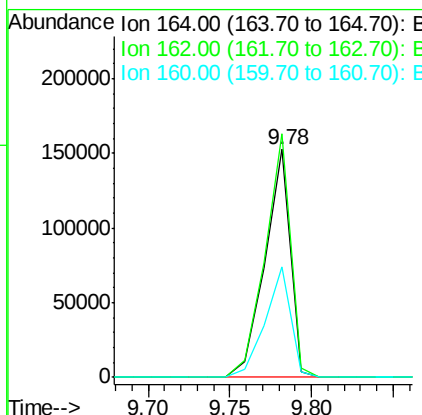
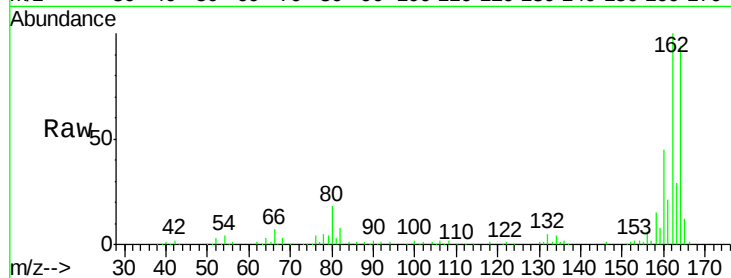




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.03 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

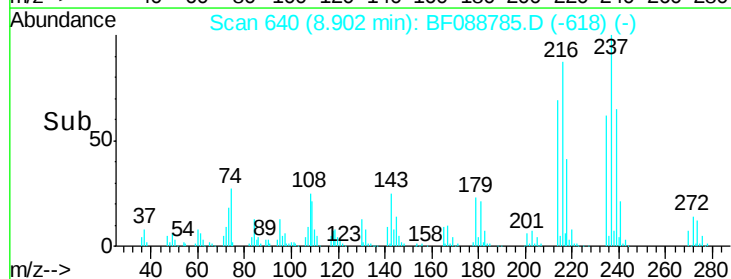
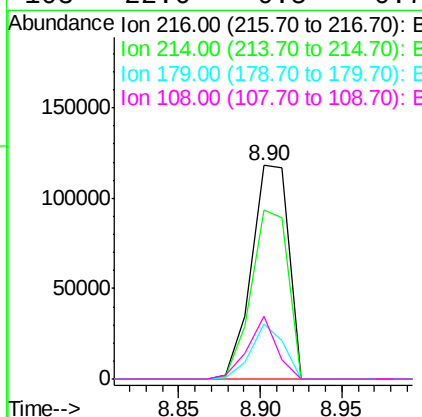
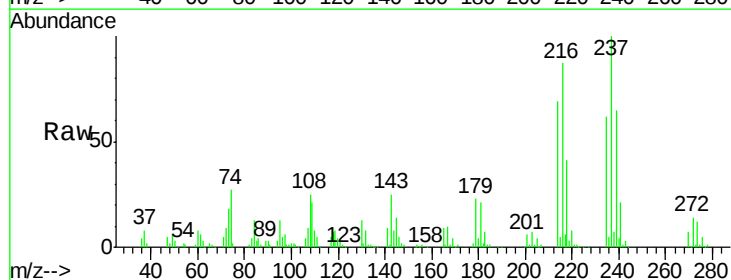
Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

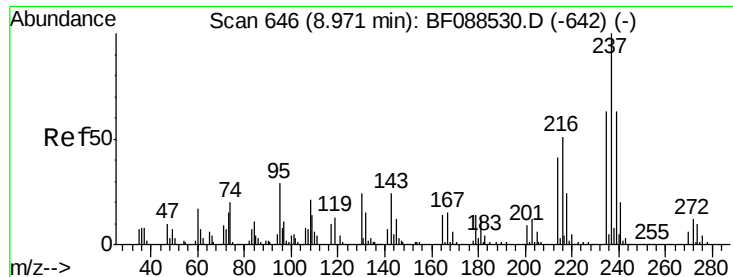
Tgt Ion:164 Resp: 164543
Ion Ratio Lower Upper
164 100
162 106.8 85.4 128.2
160 48.6 39.5 59.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 34.07 ng
RT: 8.90 min Scan# 640
Delta R.T. -0.05 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion:216 Resp: 186464
Ion Ratio Lower Upper
216 100
214 78.3 2.9 4.3#
179 22.6 0.0 0.0#
108 22.6 0.5 0.7#

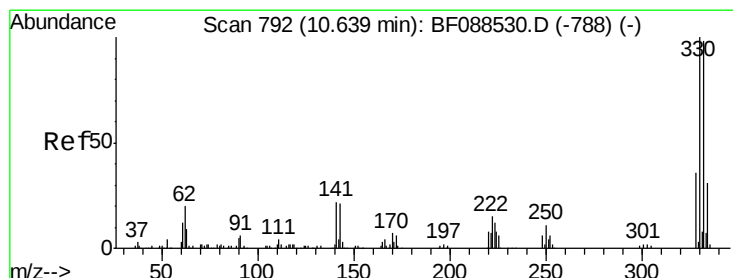
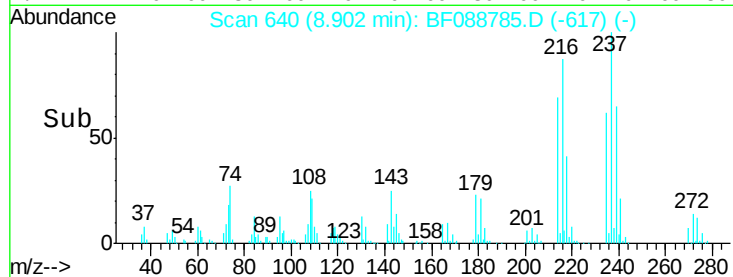
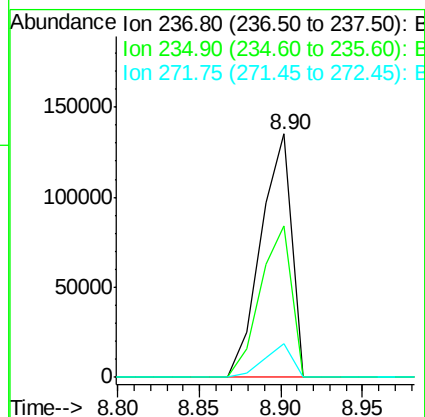
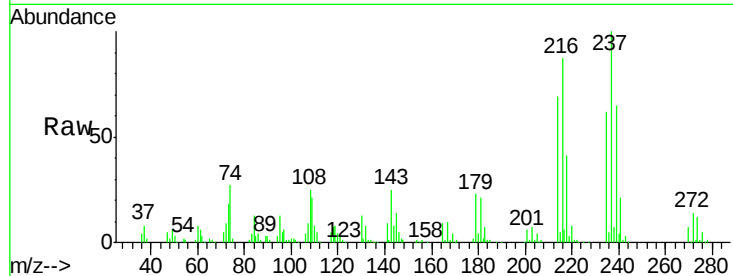




#40
Hexachlorocyclopentadiene
Concen: 65.74 ng
RT: 8.90 min Scan# 640
Delta R.T. -0.03 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

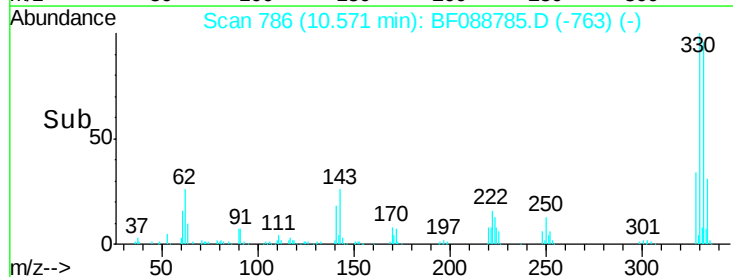
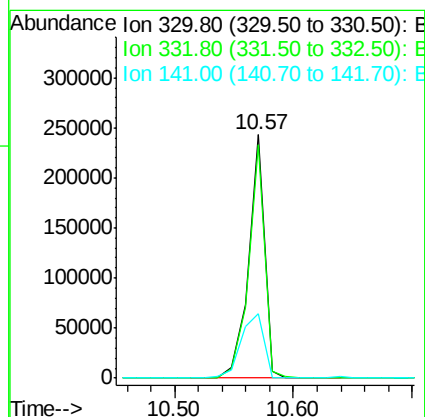
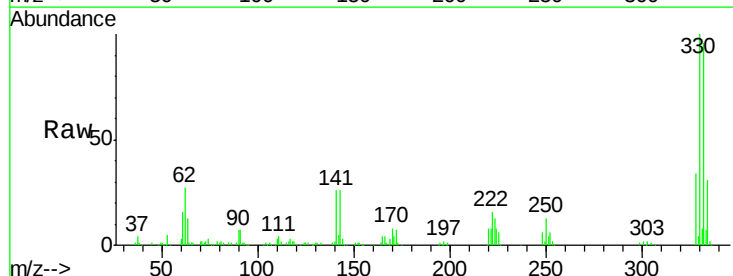
Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

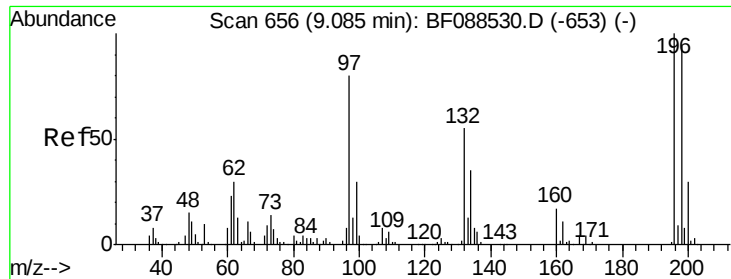
Tgt Ion:237 Resp: 176601
Ion Ratio Lower Upper
237 100
235 62.0 43.4 83.4
272 14.0 0.0 32.3



#41
2,4,6-Tribromophenol
Concen: 150.95 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.03 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion:330 Resp: 230648
Ion Ratio Lower Upper
330 100
332 96.0 0.0 0.0#
141 37.6 0.0 0.0#

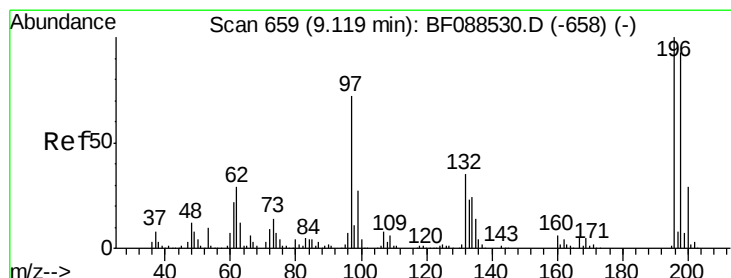
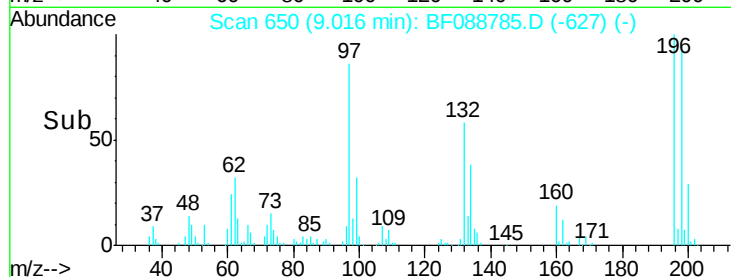
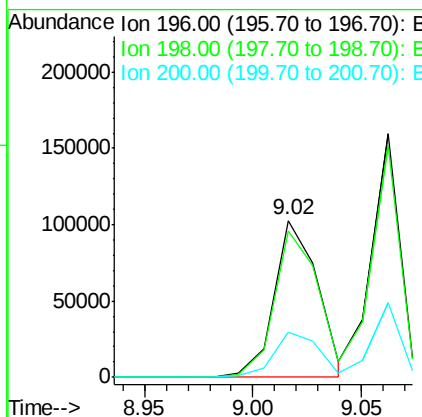
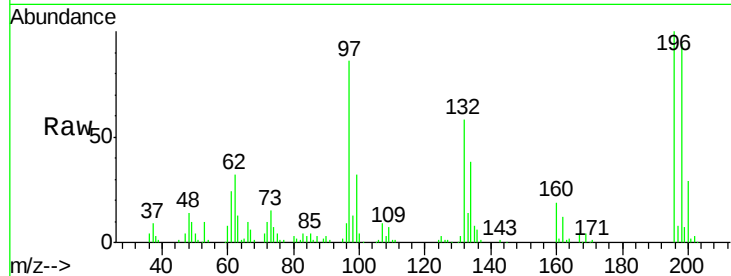




#42
 2,4,6-Trichlorophenol
 Concen: 39.64 ng
 RT: 9.02 min Scan# 650
 Delta R.T. -0.03 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

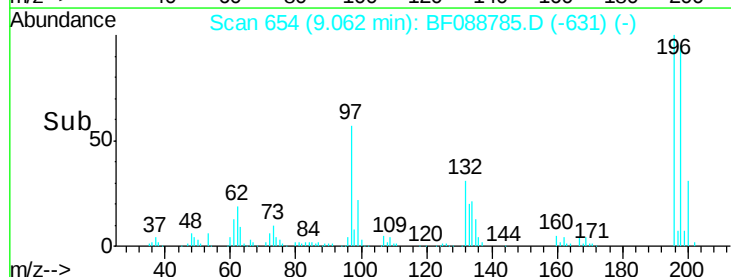
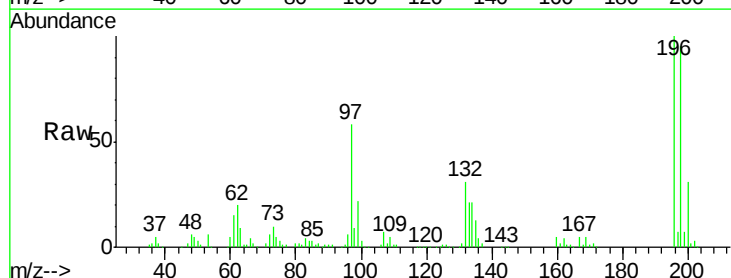
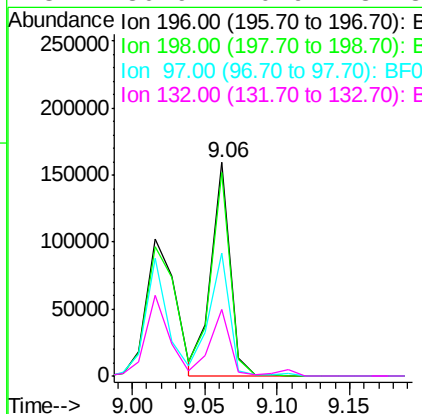
Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

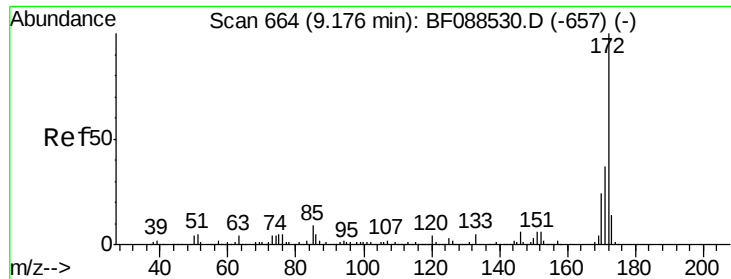
Tgt Ion:196 Resp: 143047
 Ion Ratio Lower Upper
 196 100
 198 93.7 78.0 117.0
 200 28.9 25.4 38.2



#43
 2,4,5-Trichlorophenol
 Concen: 47.22 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.03 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

Tgt Ion:196 Resp: 146604
 Ion Ratio Lower Upper
 196 100
 198 95.4 77.5 116.3
 97 57.5 32.0 48.0#
 132 30.9 20.9 31.3





#44

2-Fluorobiphenyl

Concen: 88.45 ng

RT: 9.11 min Scan# 658

Delta R.T. -0.03 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

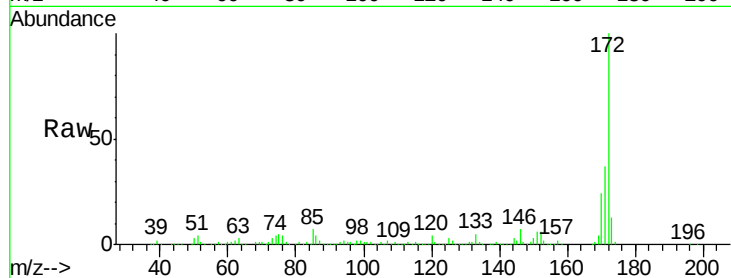
Tgt Ion:172 Resp: 921383

Ion Ratio Lower Upper

172 100

171 36.5 28.6 43.0

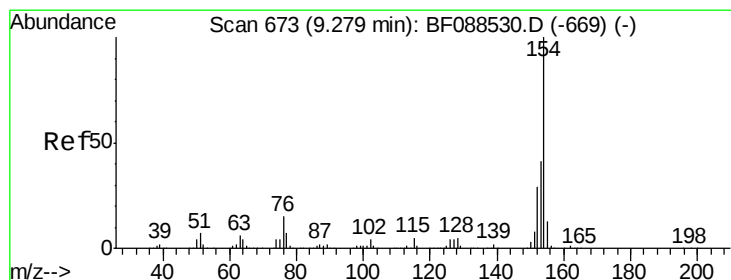
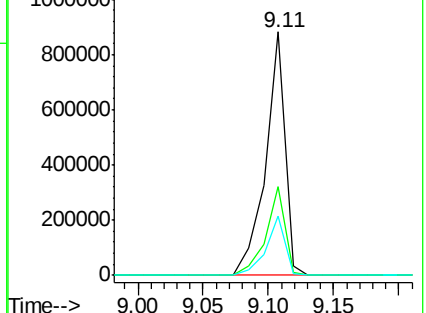
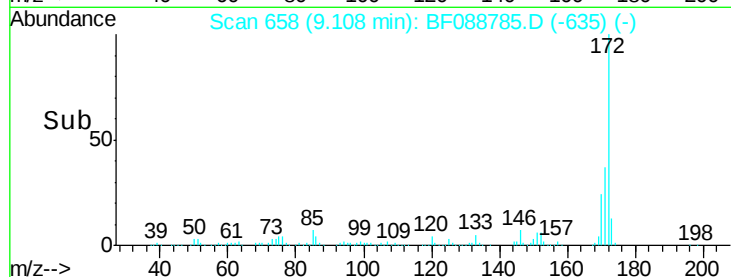
170 24.5 19.2 28.8



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: 41.17 ng

RT: 9.21 min Scan# 667

Delta R.T. -0.03 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

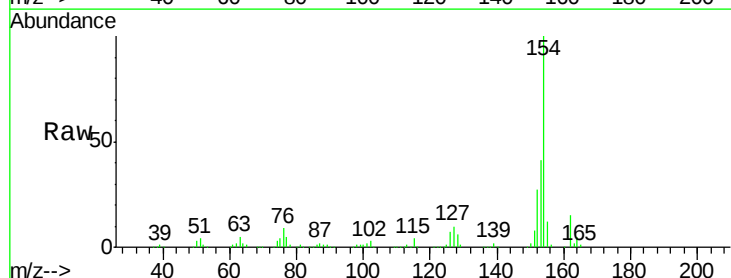
Tgt Ion:154 Resp: 560935

Ion Ratio Lower Upper

154 100

153 41.0 20.6 60.6

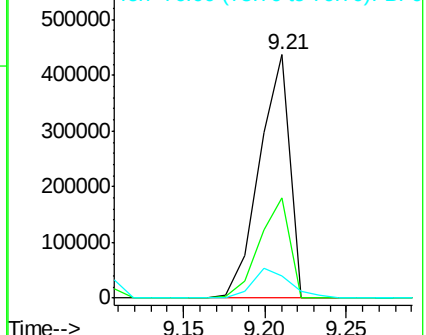
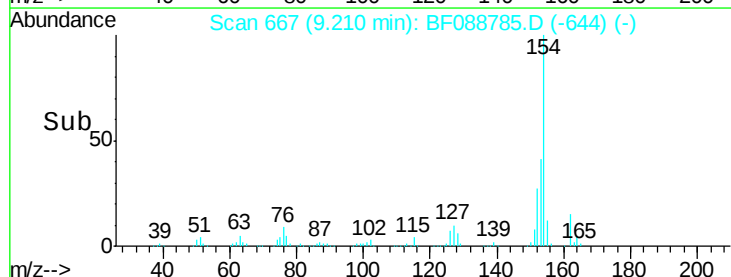
76 9.0 0.0 35.1

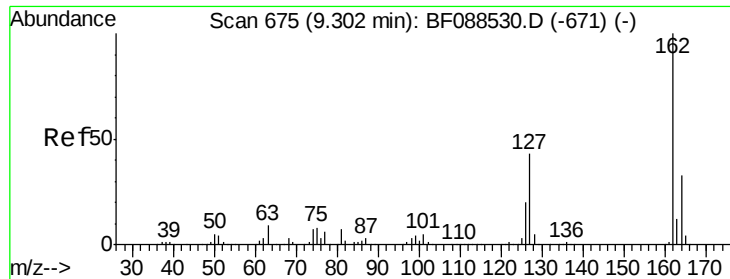


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

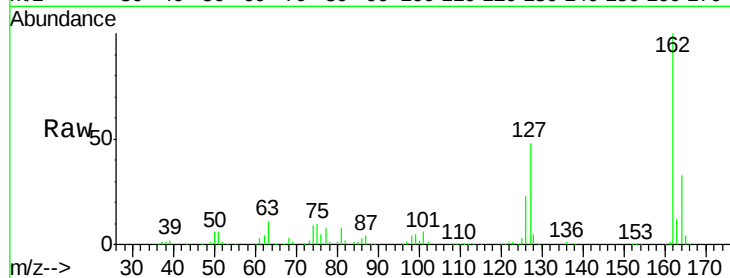




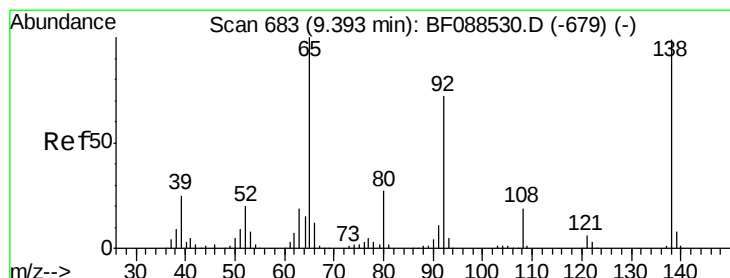
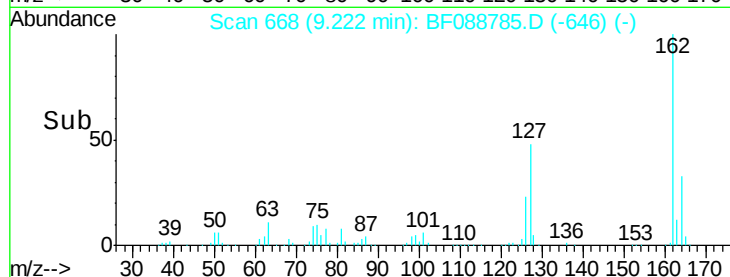
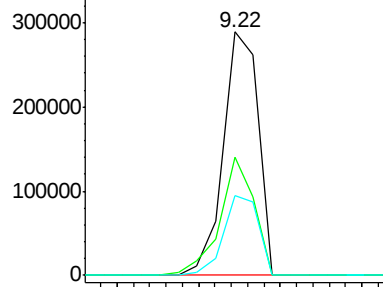
#46
 2-Chloronaphthalene
 Concen: 40.15 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.05 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

Tgt Ion: 162 Resp: 429426
 Ion Ratio Lower Upper
 162 100
 127 48.5 35.2 52.8
 164 32.8 26.6 39.8

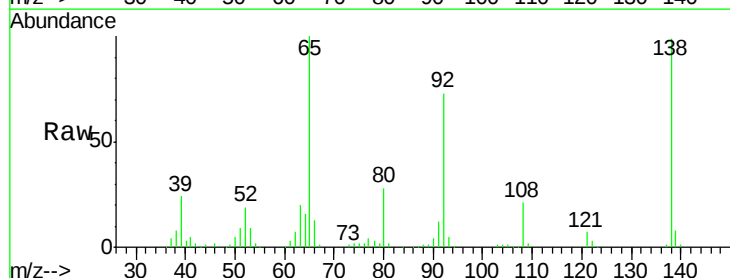


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

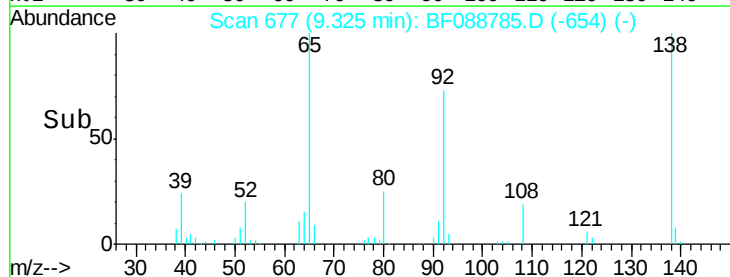
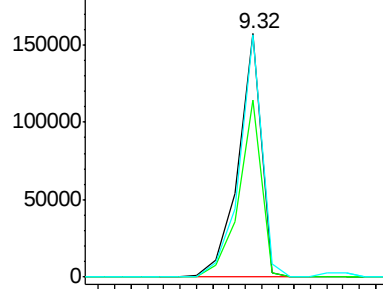


#47
 2-Nitroaniline
 Concen: 40.89 ng
 RT: 9.32 min Scan# 677
 Delta R.T. -0.03 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

Tgt Ion: 65 Resp: 155222
 Ion Ratio Lower Upper
 65 100
 92 72.7 54.6 82.0
 138 99.4 77.0 115.4



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





#48

Acenaphthylene

Concen: 43.50 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.03 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

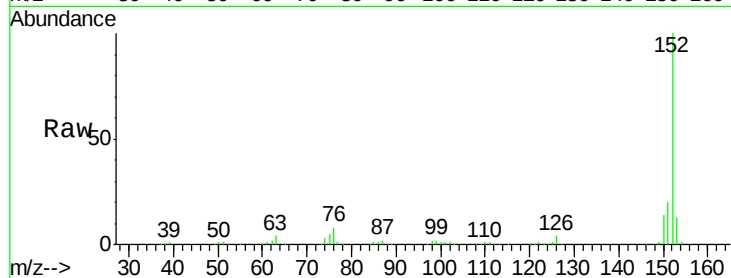
Tgt Ion:152 Resp: 740282

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

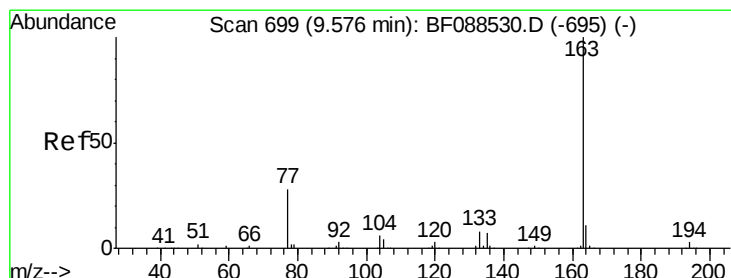
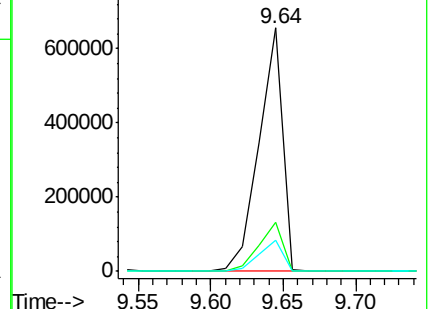
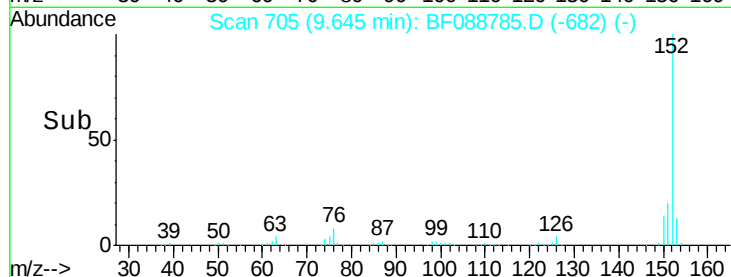
153 12.9 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 47.82 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

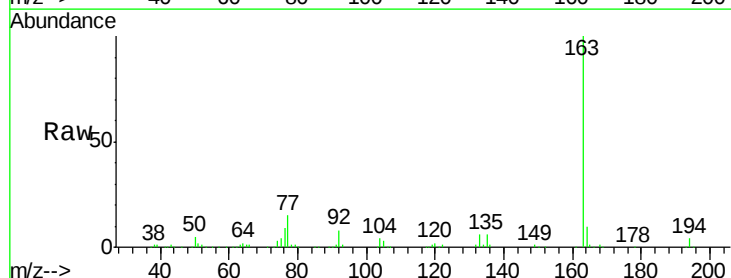
Tgt Ion:163 Resp: 560588

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

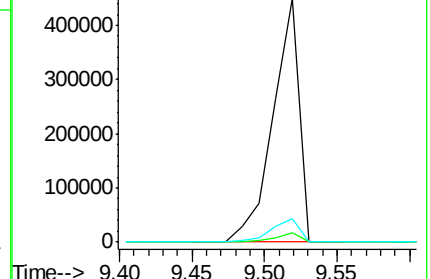
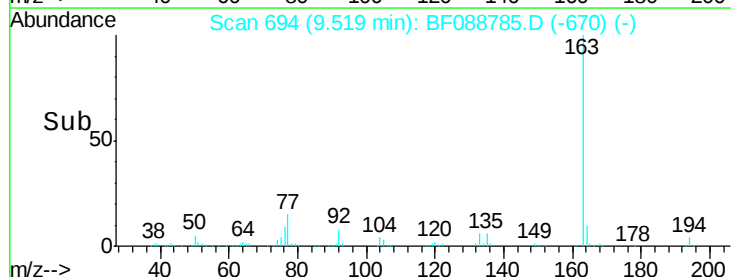
164 9.7 8.3 12.5

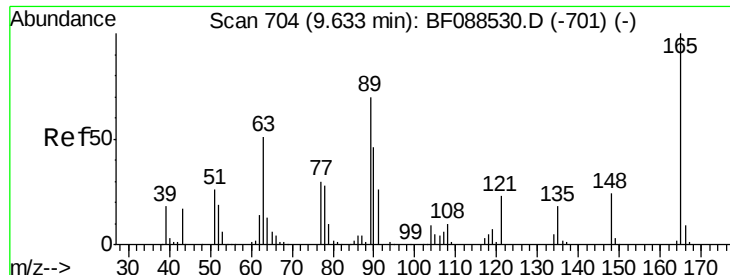


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

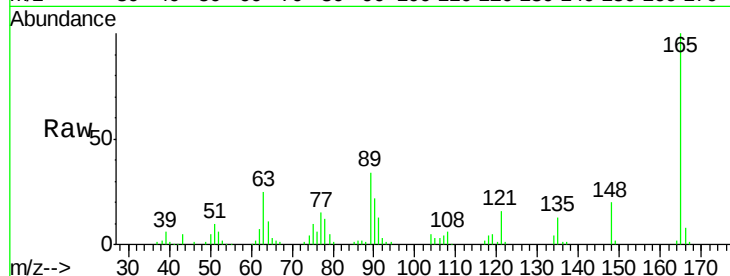




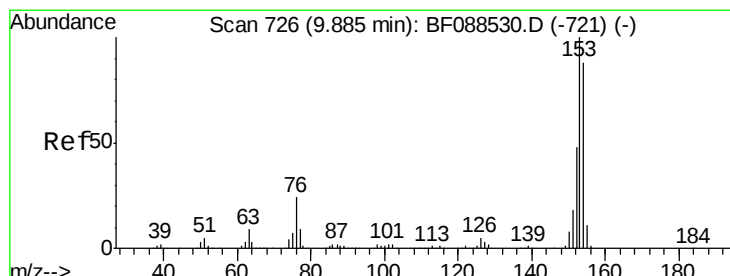
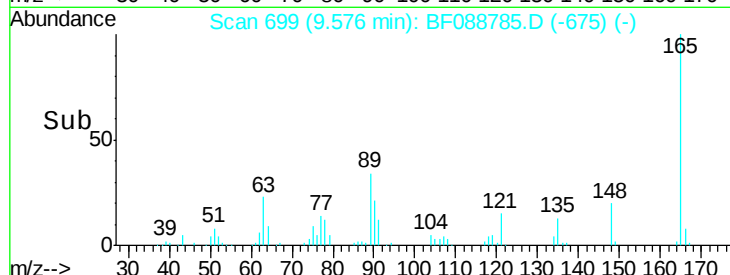
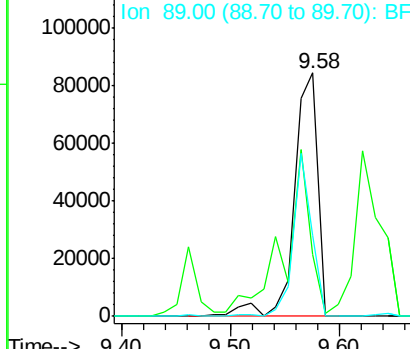
#50
 2,6-Dinitrotoluene
 Concen: 48.81 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.02 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

Tgt Ion:165 Resp: 126817
 Ion Ratio Lower Upper
 165 100
 63 25.3 28.1 42.1#
 89 33.5 32.2 48.2

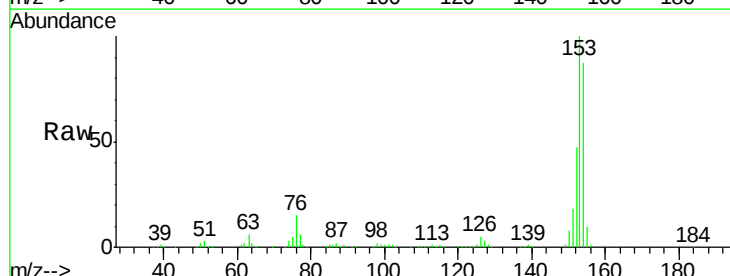


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

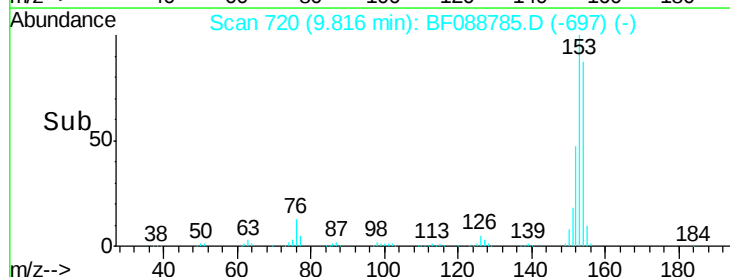
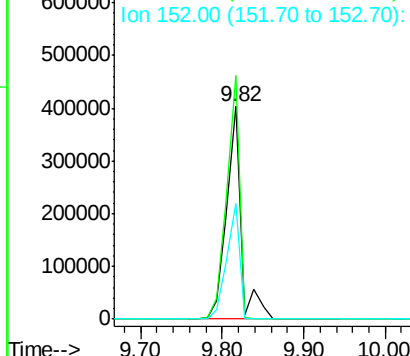


#51
 Acenaphthene
 Concen: 47.51 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

Tgt Ion:154 Resp: 495622
 Ion Ratio Lower Upper
 154 100
 153 114.4 89.5 134.3
 152 54.2 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

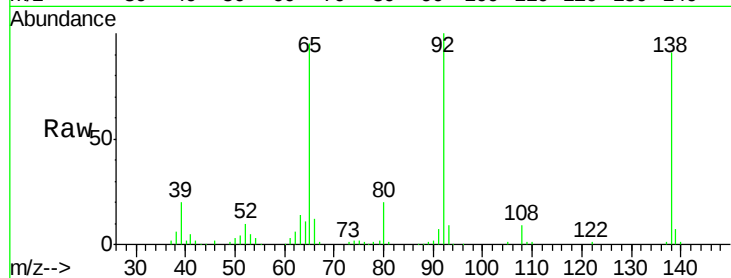




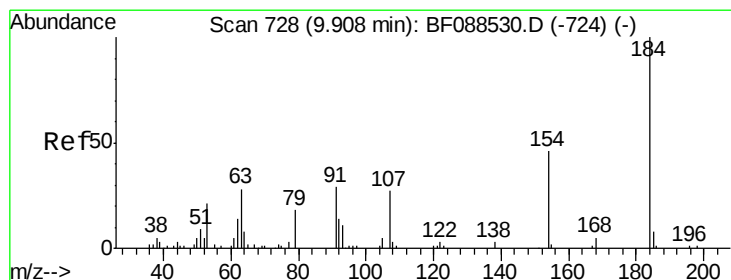
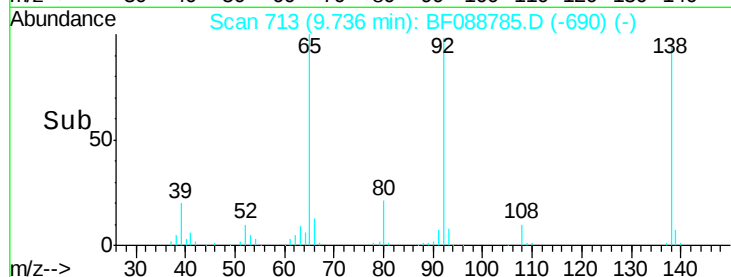
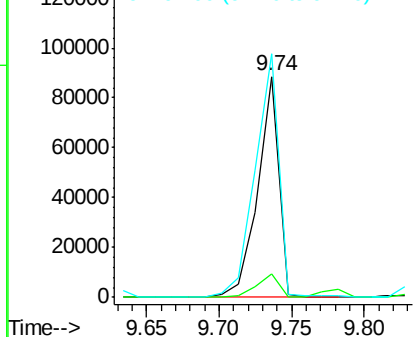
#52
 3-Nitroaniline
 Concen: 27.12 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.03 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

Tgt Ion:138 Resp: 89557
 Ion Ratio Lower Upper
 138 100
 108 10.4 8.5 12.7
 92 110.3 95.7 143.5

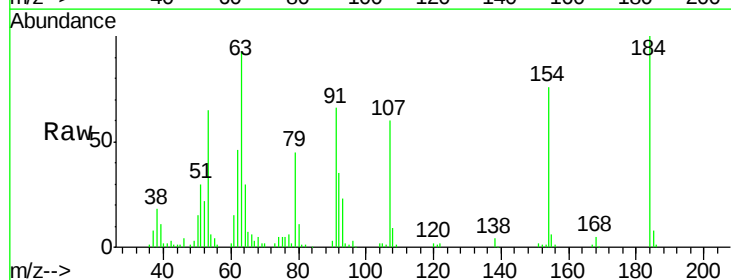


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

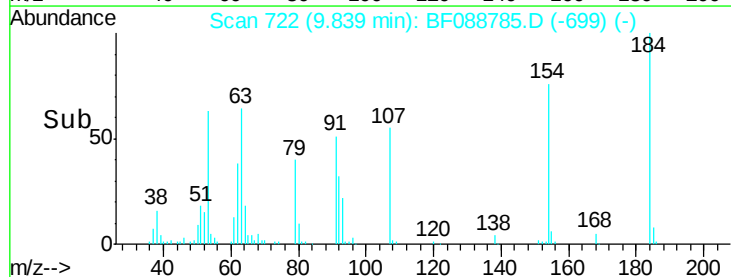
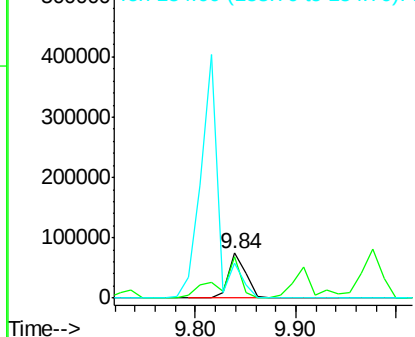


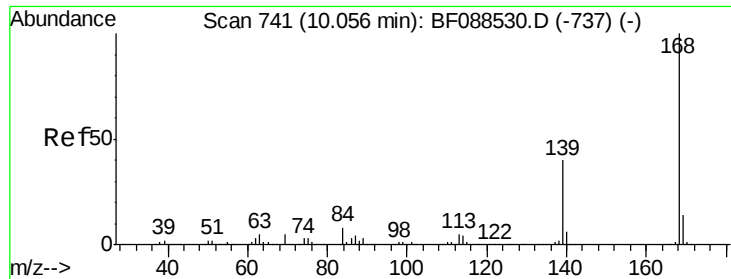
#53
 2,4-Dinitrophenol
 Concen: 78.37 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.03 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

Tgt Ion:184 Resp: 89906
 Ion Ratio Lower Upper
 184 100
 63 93.1 57.6 86.4#
 154 76.3 53.5 80.3



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

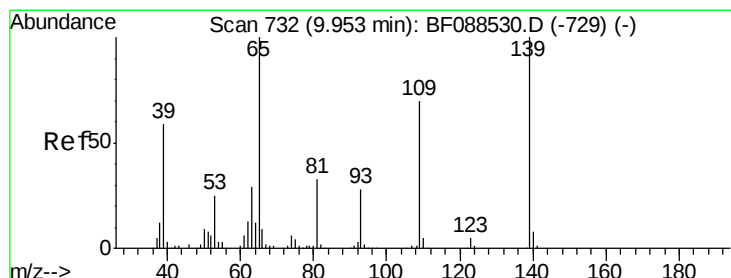
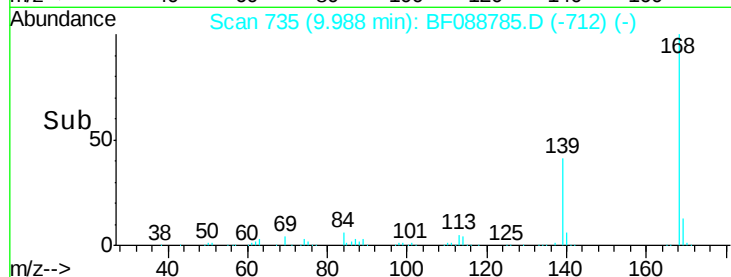
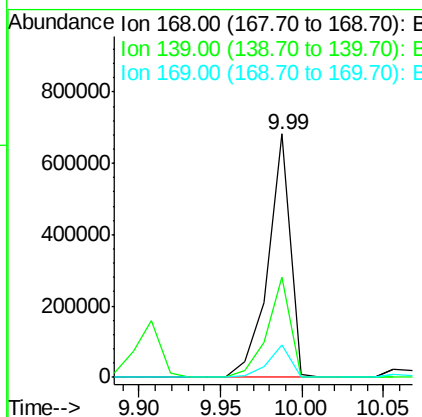
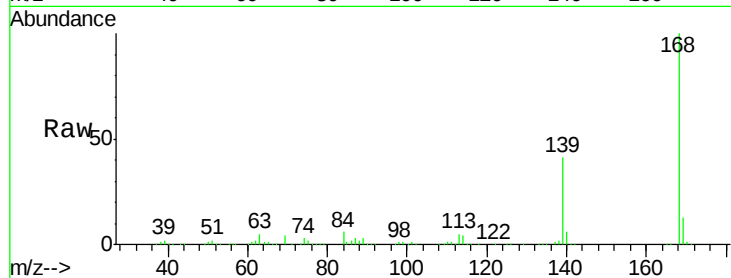




#54
Dibenzenofuran
Concen: 47.56 ng
RT: 9.99 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

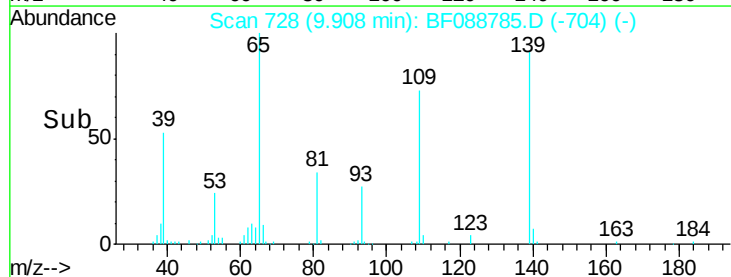
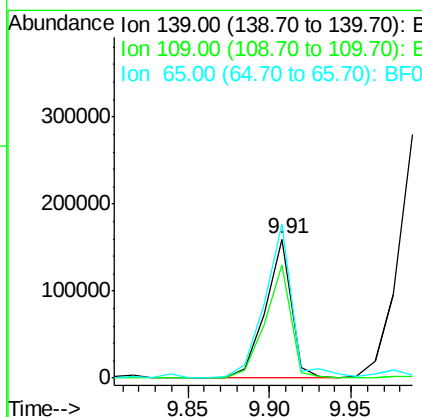
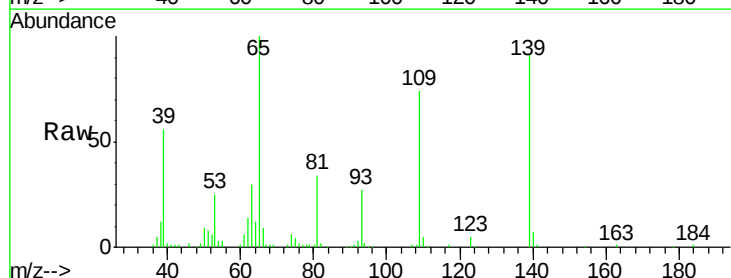
Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

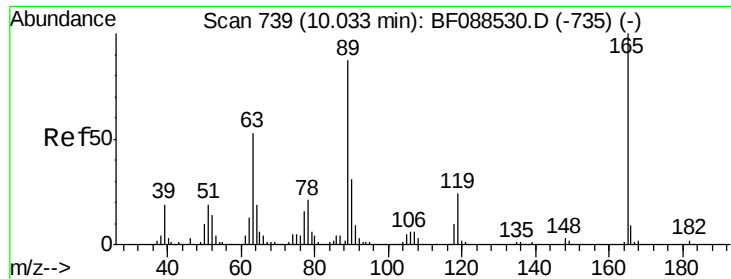
Tgt Ion:168 Resp: 649389
Ion Ratio Lower Upper
168 100
139 41.0 26.4 39.6#
169 13.3 10.4 15.6



#55
4-Nitrophenol
Concen: 71.08 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion:139 Resp: 178393
Ion Ratio Lower Upper
139 100
109 81.3 48.9 88.9
65 110.4 84.9 124.9

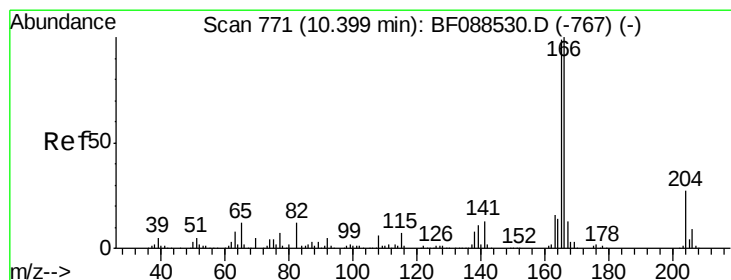
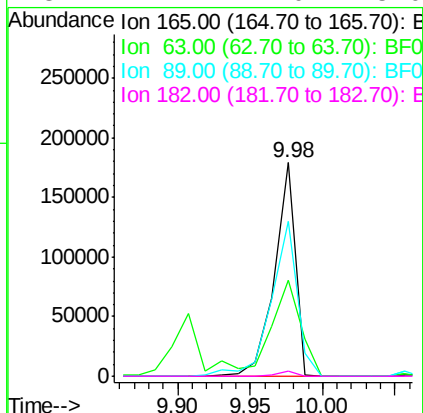
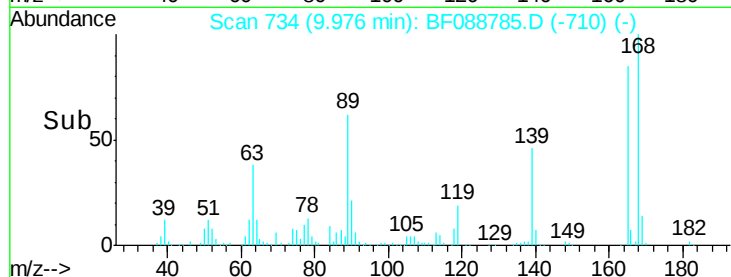
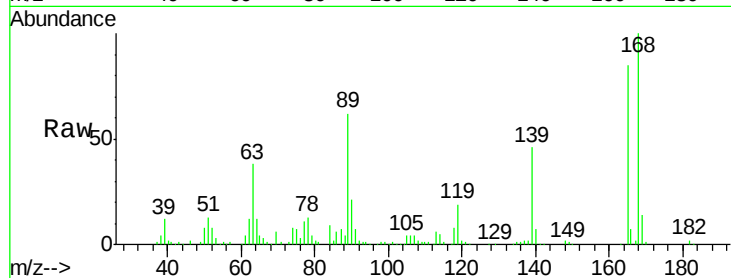




#56
2,4-Dinitrotoluene
Concen: 52.61 ng
RT: 9.98 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

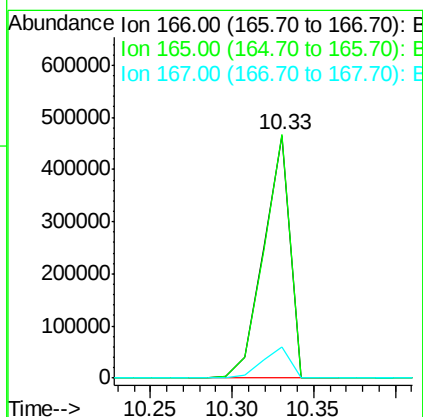
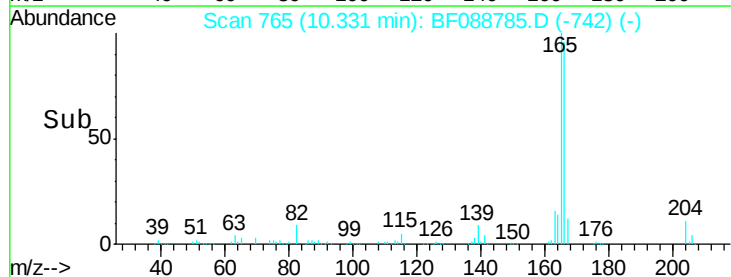
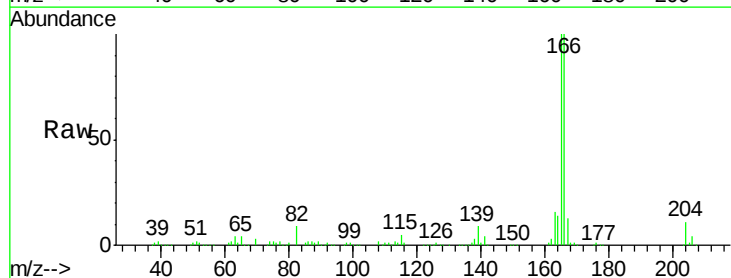
Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

Tgt Ion:165 Resp: 178714
Ion Ratio Lower Upper
165 100
63 45.0 22.0 33.0#
89 72.5 41.1 61.7#
182 2.4 2.0 3.0



#57
Fluorene
Concen: 49.60 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.03 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion:166 Resp: 521975
Ion Ratio Lower Upper
166 100
165 100.3 77.8 116.8
167 13.0 11.2 16.8

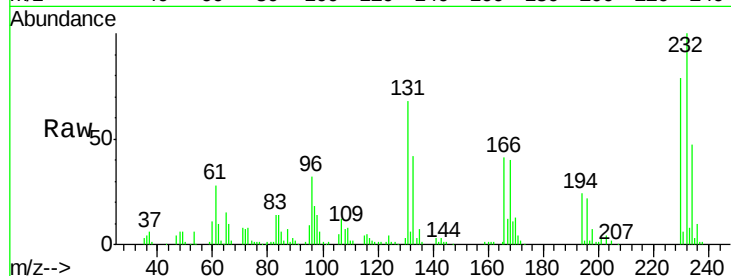




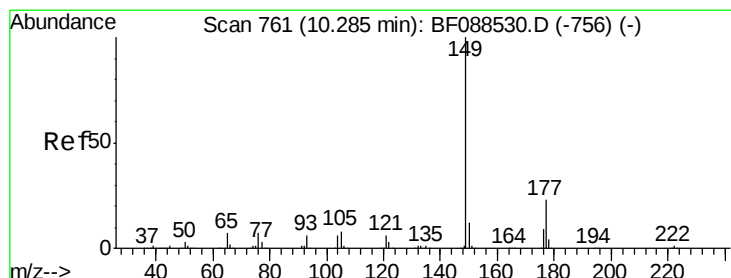
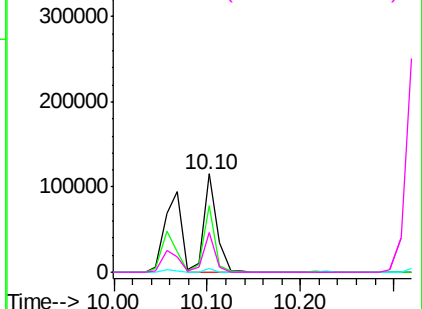
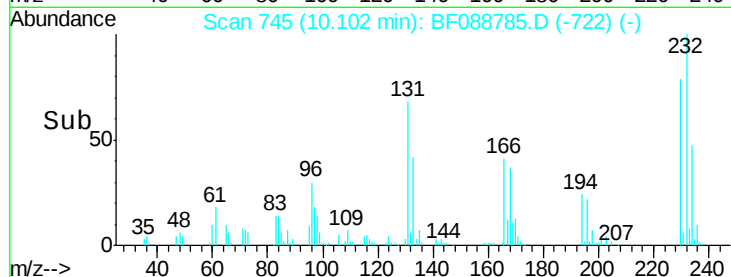
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.24 ng
 RT: 10.10 min Scan# 745
 Delta R.T. -0.03 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

Tgt Ion: 232 Resp: 113466
 Ion Ratio Lower Upper
 232 100
 131 58.9 0.9 1.3#
 130 2.9 1.5 2.3#
 166 36.3 0.5 0.7#

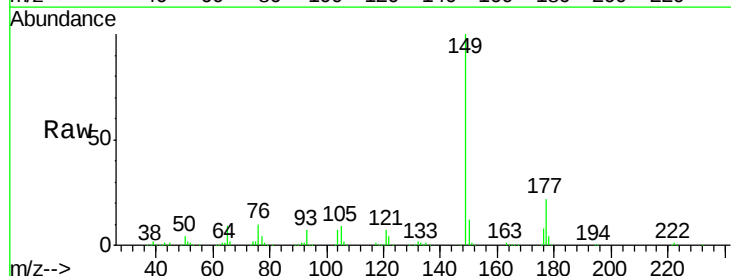


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

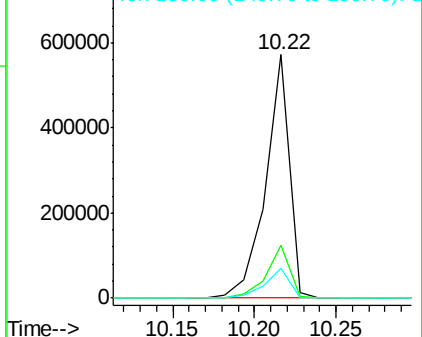
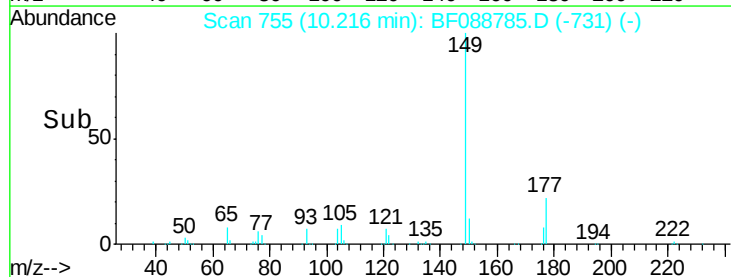


#59
 Diethylphthalate
 Concen: 49.22 ng
 RT: 10.22 min Scan# 755
 Delta R.T. -0.02 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

Tgt Ion: 149 Resp: 579050
 Ion Ratio Lower Upper
 149 100
 177 21.5 16.9 25.3
 150 12.4 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

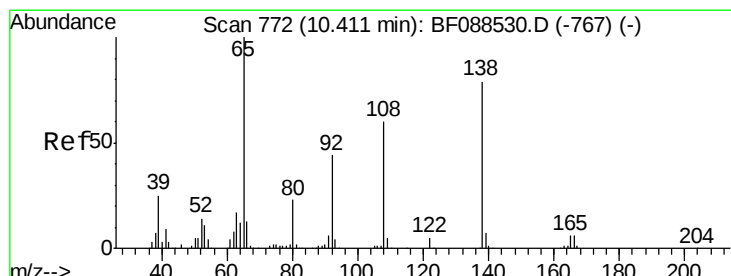
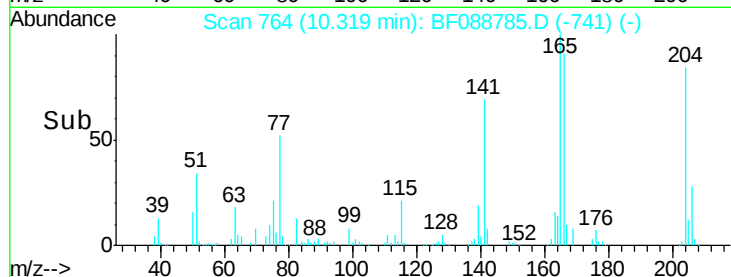
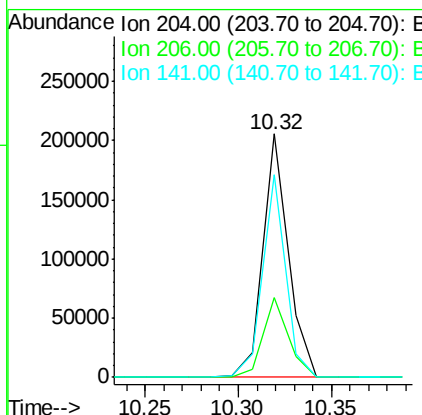
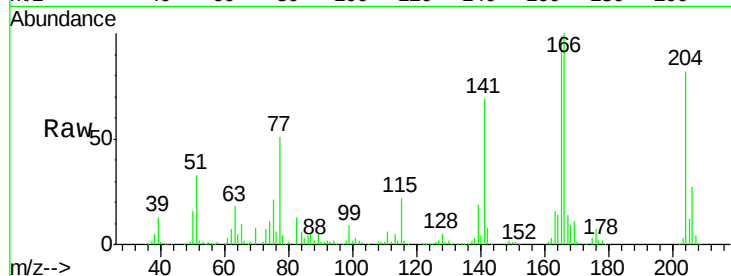




#60
 4-Chlorophenyl-phenylether
 Concen: 39.37 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.03 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

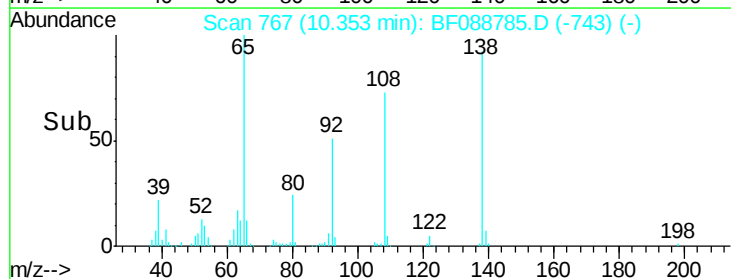
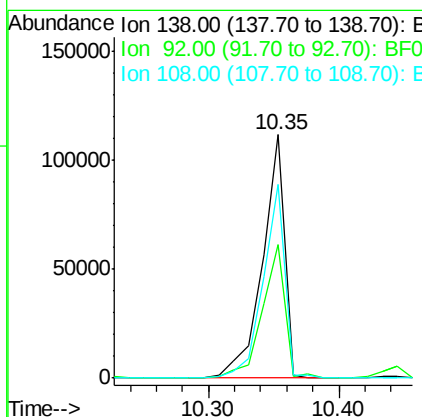
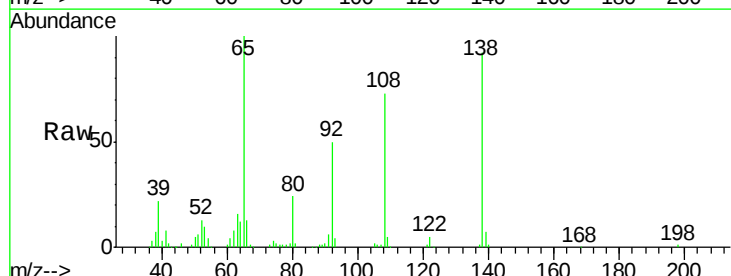
Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

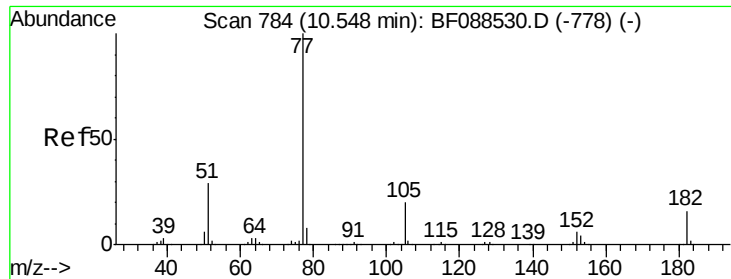
Tgt Ion:204 Resp: 192492
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.3 39.5
 141 83.5 55.0 82.6#



#61
 4-Nitroaniline
 Concen: 41.84 ng
 RT: 10.35 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

Tgt Ion:138 Resp: 132973
 Ion Ratio Lower Upper
 138 100
 92 54.8 27.3 67.3
 108 79.7 46.7 86.7





#62

Azobenzene

Concen: 44.27 ng

RT: 10.48 min Scan# 778

Delta R.T. -0.03 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

Tgt Ion: 77 Resp: 594127

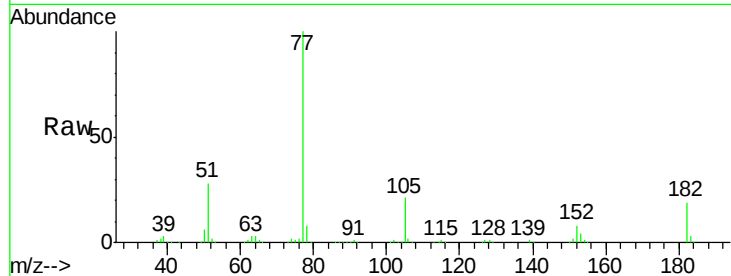
Ion Ratio Lower Upper

77 100

182 19.4 4.4 44.4

105 21.4 3.8 43.8

51 27.9 9.3 49.3

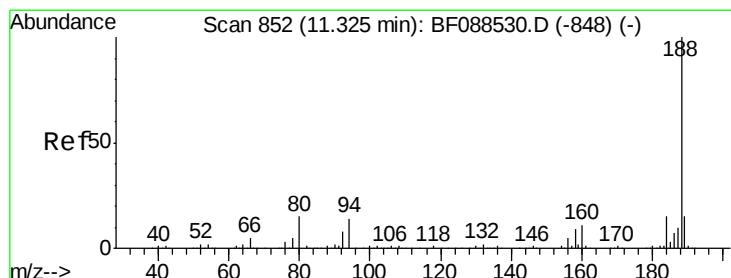
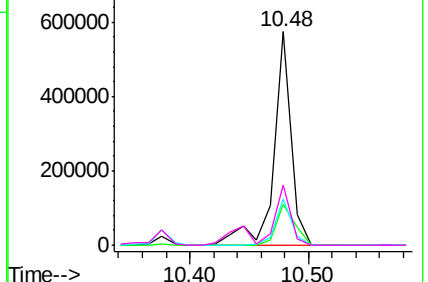
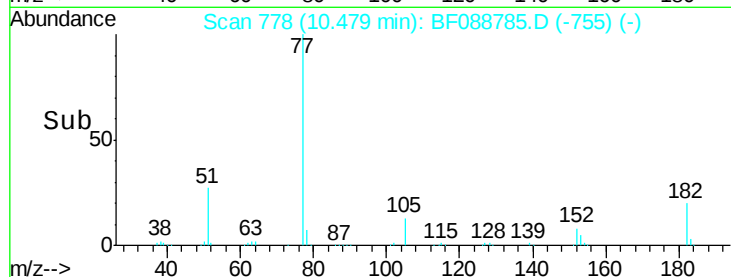


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.26 min Scan# 846

Delta R.T. -0.03 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

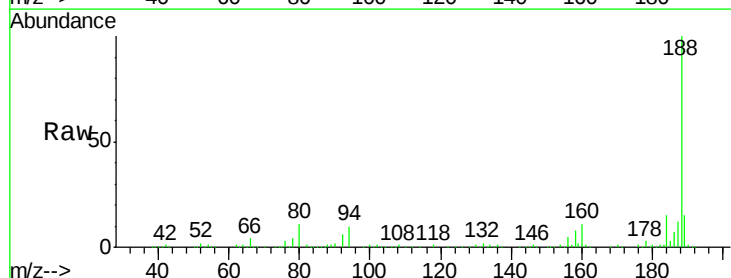
Tgt Ion: 188 Resp: 325026

Ion Ratio Lower Upper

188 100

94 9.8 9.0 13.6

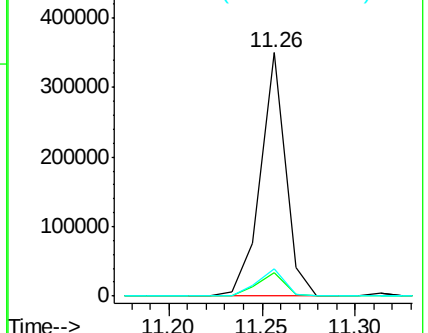
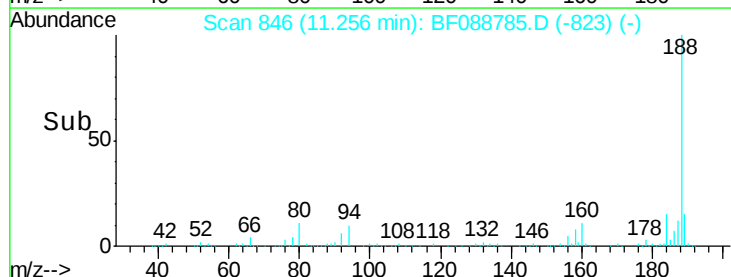
80 11.0 10.0 15.0

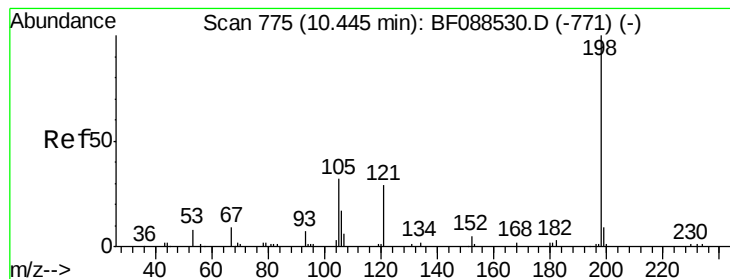


Abundance Ion 188.00 (187.70 to 188.70): E

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: 38.01 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

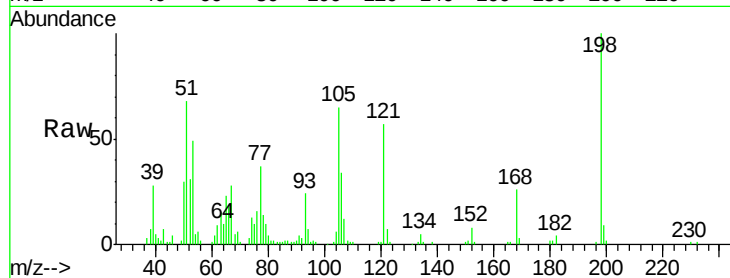
Tgt Ion:198 Resp: 66082

Ion Ratio Lower Upper

198 100

51 67.6 39.6 79.6

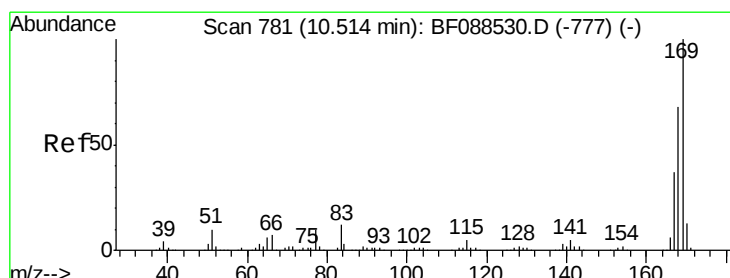
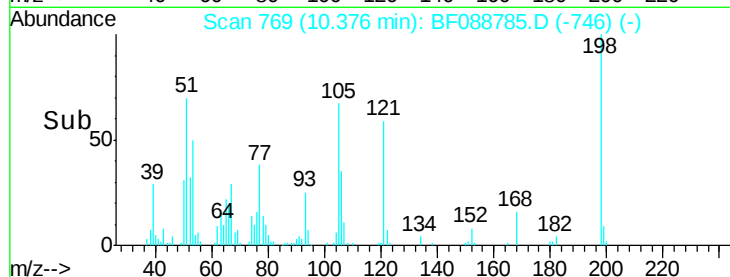
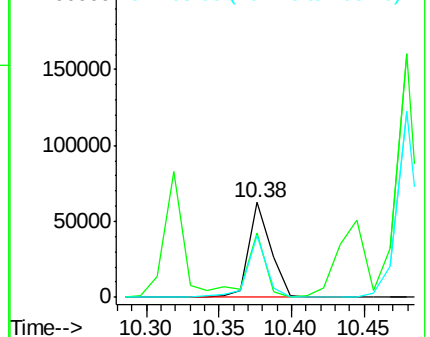
105 64.8 36.6 76.6



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: 42.83 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.03 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

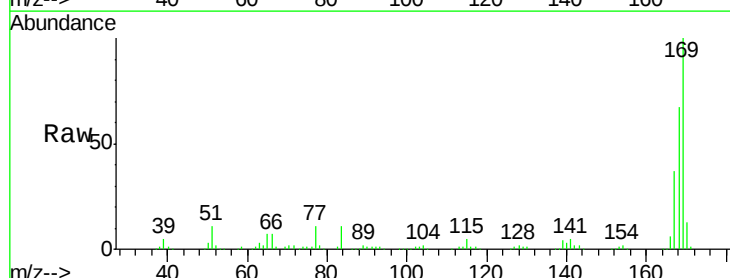
Tgt Ion:169 Resp: 471108

Ion Ratio Lower Upper

169 100

168 66.8 53.4 80.0

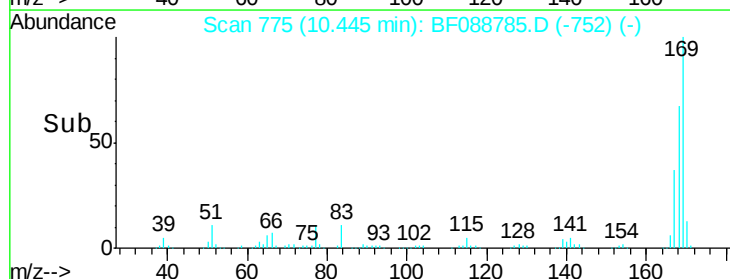
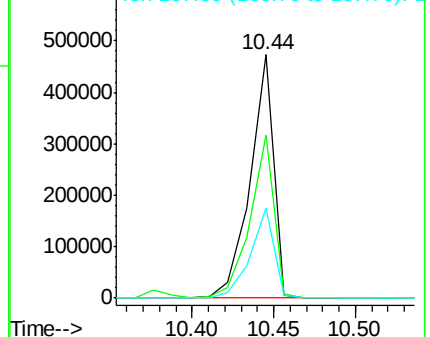
167 37.0 29.4 44.0



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

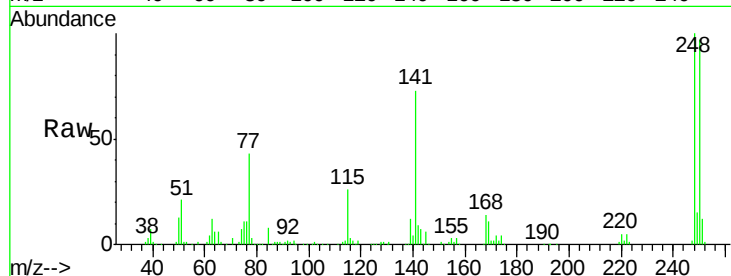




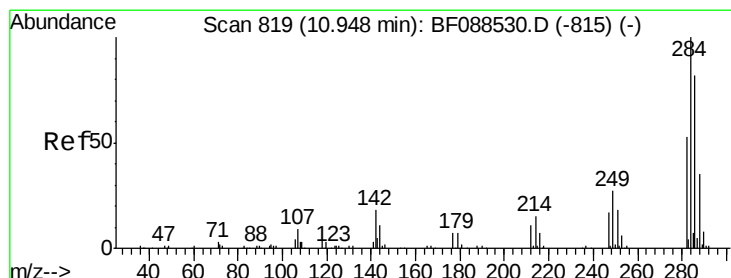
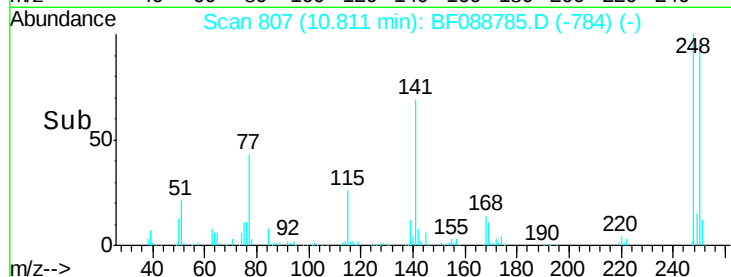
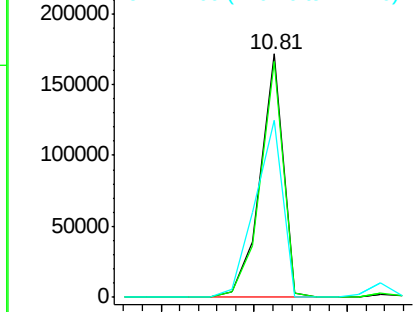
#66
 4-Bromophenyl-phenylether
 Concen: 45.68 ng
 RT: 10.81 min Scan# 807
 Delta R.T. -0.03 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

Tgt Ion:248 Resp: 149616
 Ion Ratio Lower Upper
 248 100
 250 97.1 77.1 115.7
 141 72.9 50.6 76.0

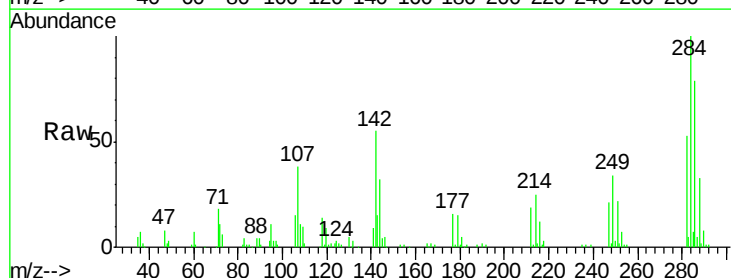


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

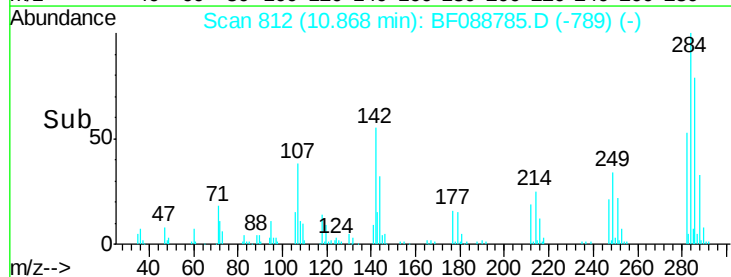
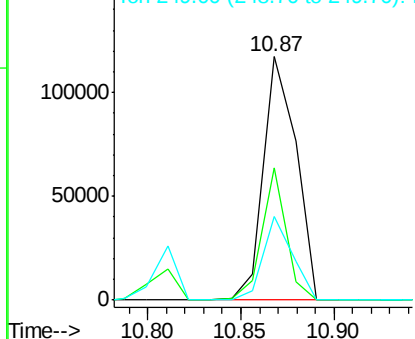


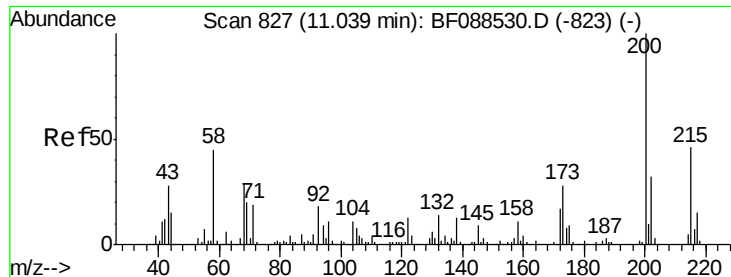
#67
 Hexachlorobenzene
 Concen: 39.26 ng
 RT: 10.87 min Scan# 812
 Delta R.T. -0.03 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

Tgt Ion:284 Resp: 142352
 Ion Ratio Lower Upper
 284 100
 142 54.5 35.8 53.8#
 249 34.3 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

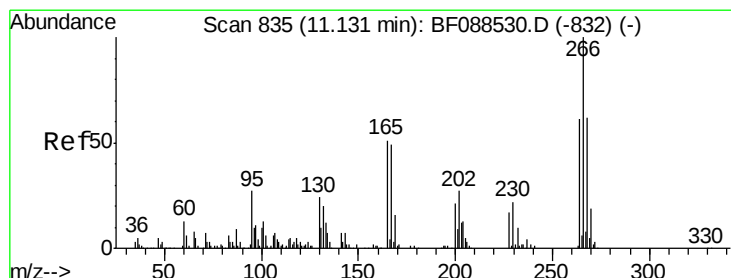
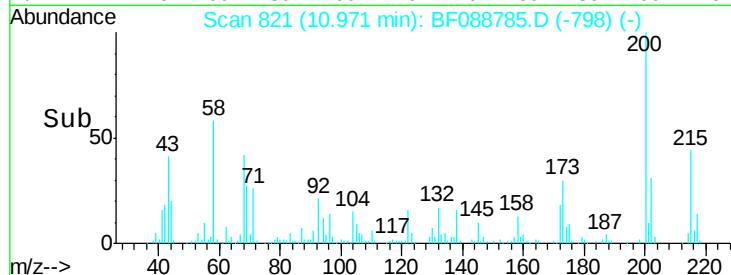
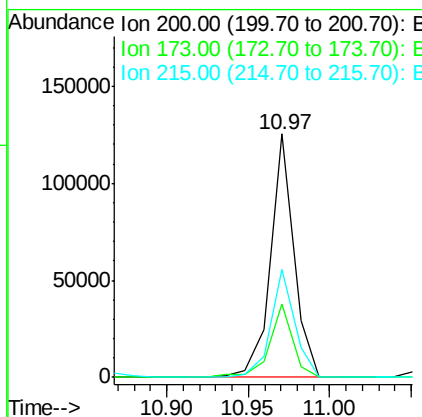
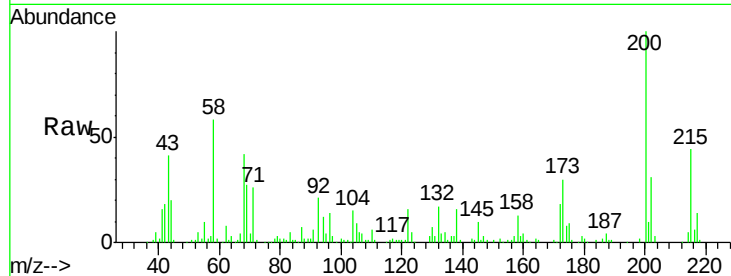




#68
Atrazine
Concen: 36.71 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.03 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

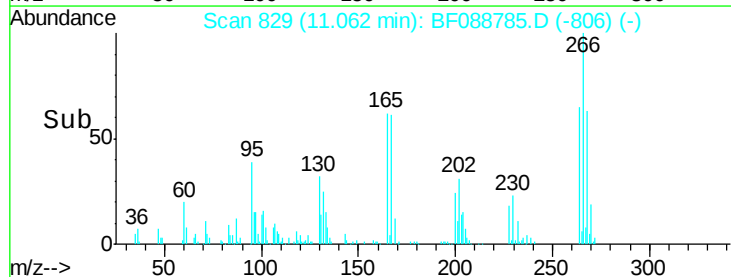
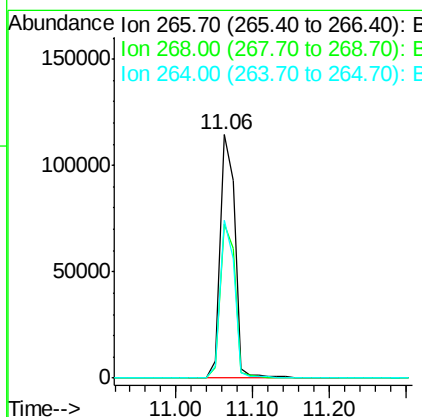
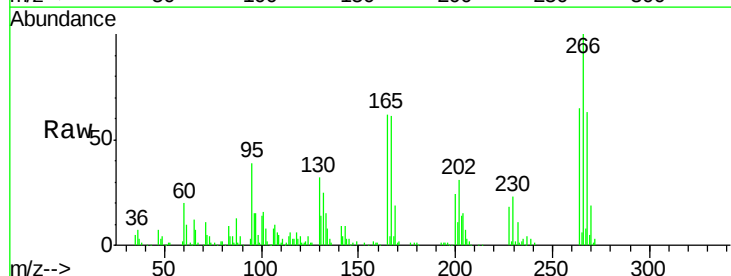
Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

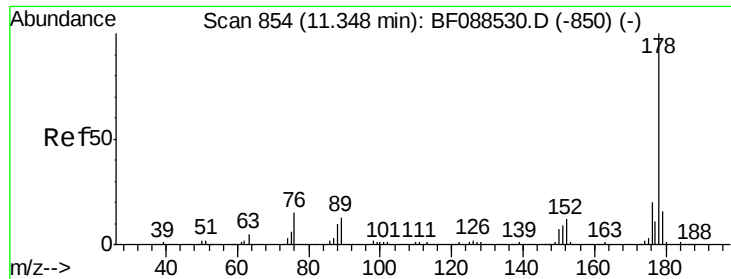
Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.9	4.0	44.0
215	44.4	29.3	69.3



#69
Pentachlorophenol
Concen: 72.35 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.03 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	52.8	79.2
264	64.8	49.6	74.4

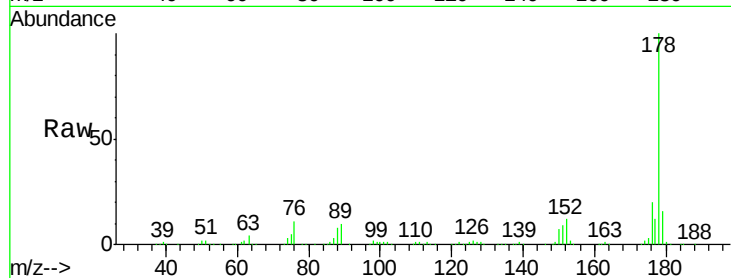




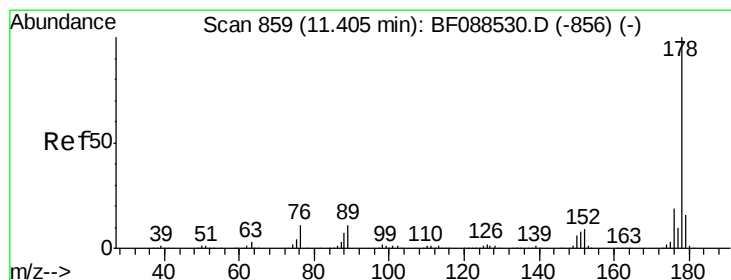
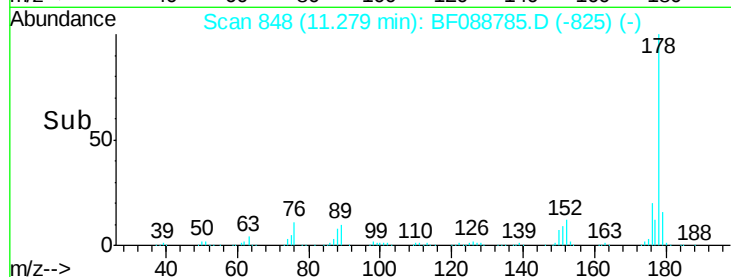
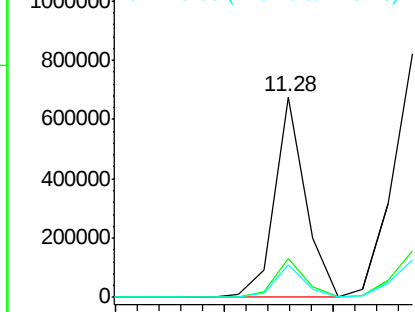
#70
Phenanthrene
Concen: 37.80 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.03 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

Tgt Ion:178 Resp: 671525
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.9 13.0 19.4

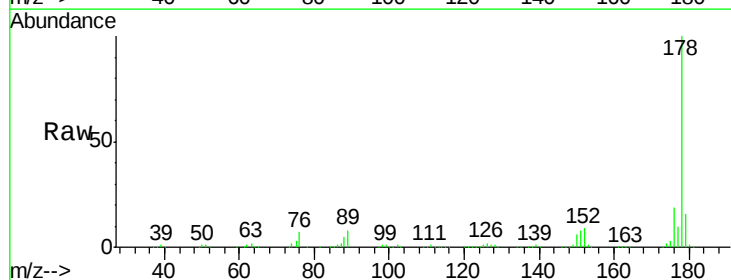


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

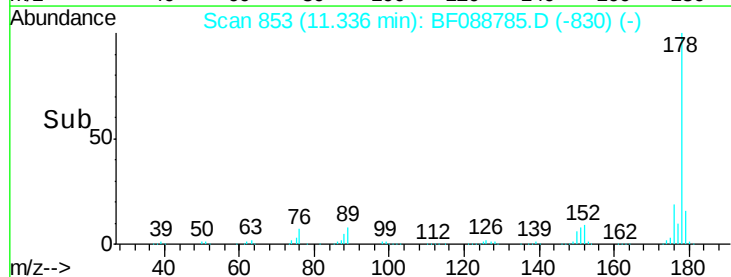
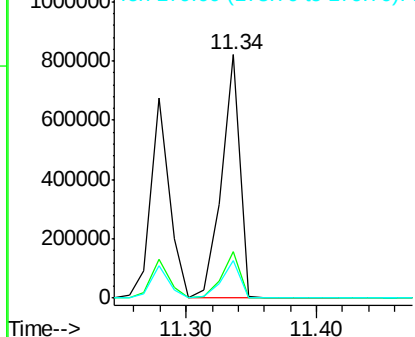


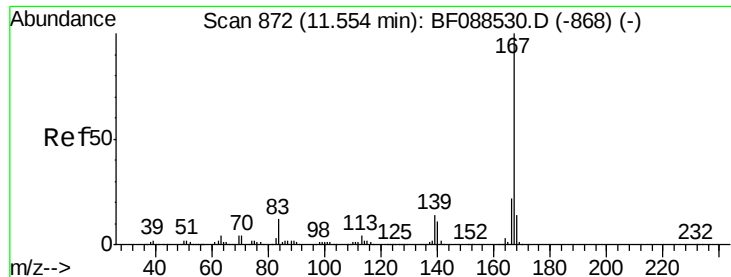
#71
Anthracene
Concen: 45.48 ng
RT: 11.34 min Scan# 853
Delta R.T. -0.03 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion:178 Resp: 803501
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.6 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

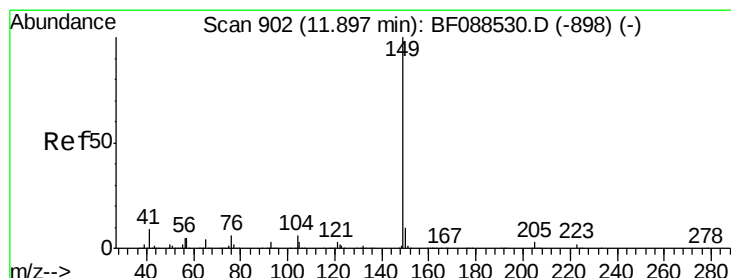
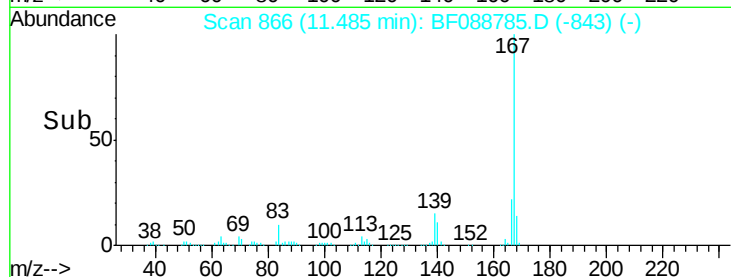
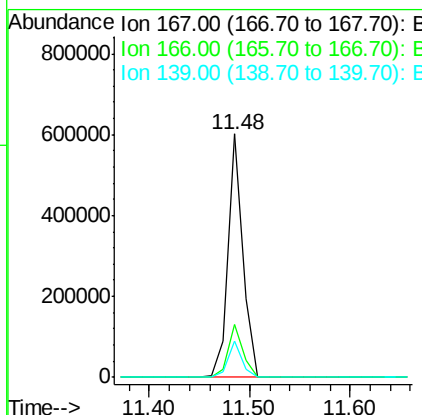
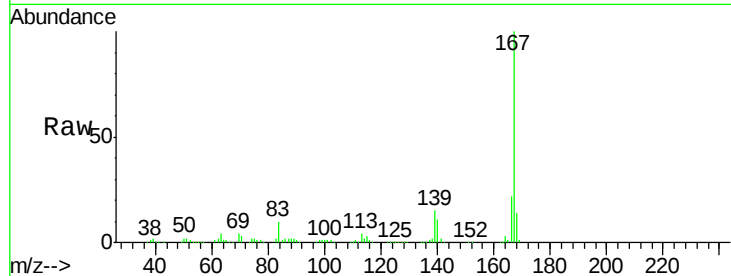




#72
 Carbazole
 Concen: 36.97 ng
 RT: 11.48 min Scan# 866
 Delta R.T. -0.03 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

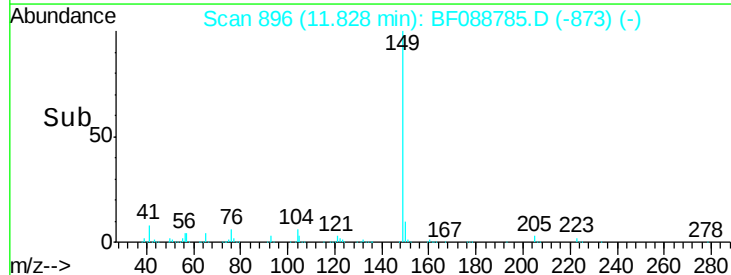
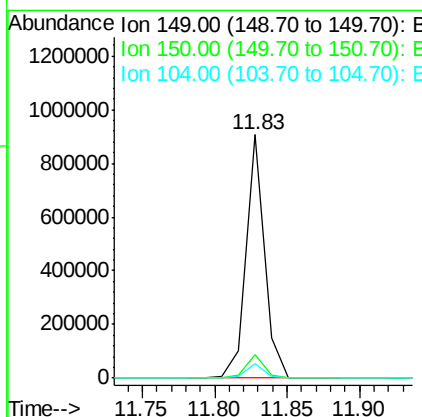
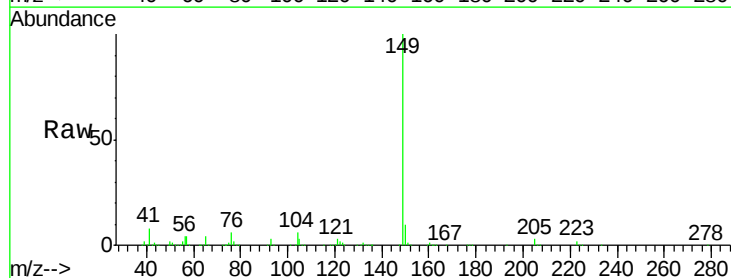
Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

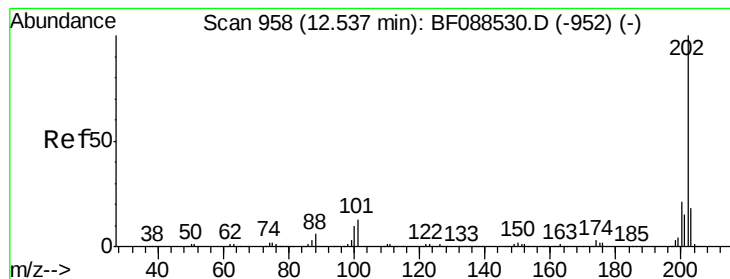
Tgt Ion:167 Resp: 614770
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.6
 139 14.9 11.2 16.8



#73
 Di-n-butylphthalate
 Concen: 41.16 ng
 RT: 11.83 min Scan# 896
 Delta R.T. -0.03 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

Tgt Ion:149 Resp: 796069
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.6
 104 5.9 4.0 6.0





#74

Fluoranthene

Concen: 43.81 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

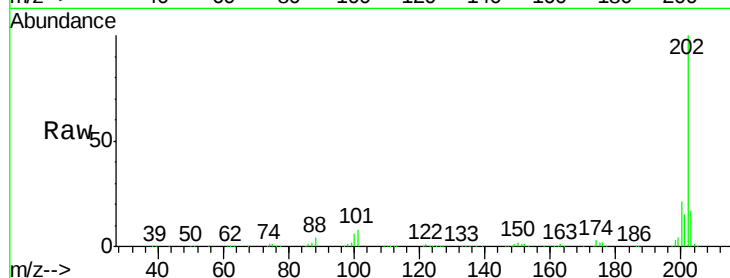
Tgt Ion: 202 Resp: 789081

Ion Ratio Lower Upper

202 100

101 7.8 0.0 33.1

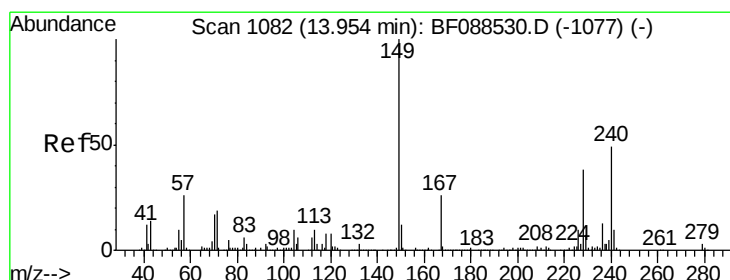
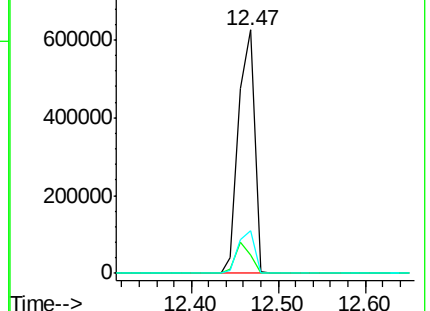
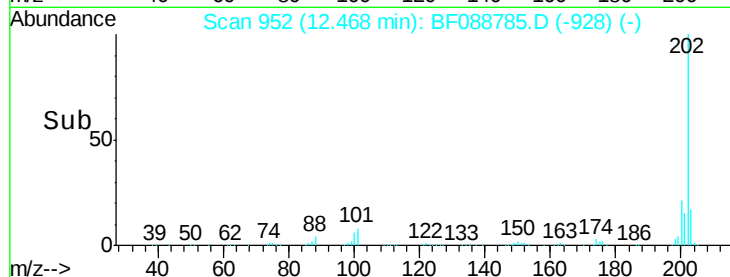
203 17.3 0.0 38.1



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: 13.89 min Scan# 1076

Delta R.T. -0.03 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

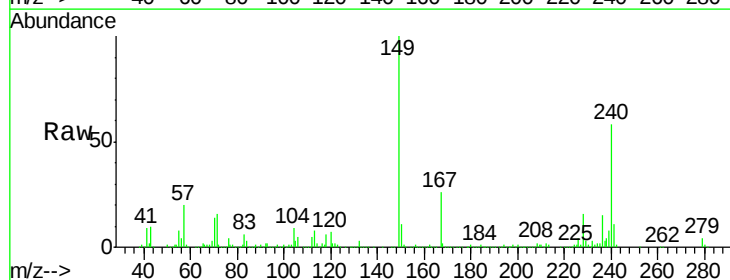
Tgt Ion: 240 Resp: 231891

Ion Ratio Lower Upper

240 100

120 11.5 6.8 10.2#

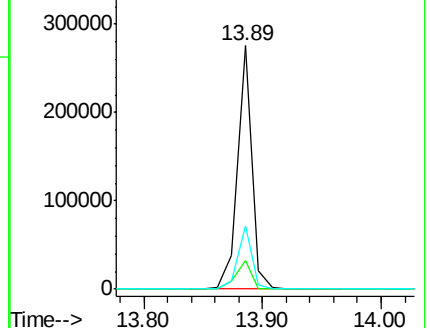
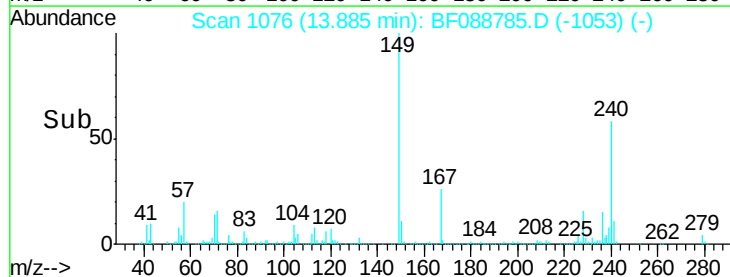
236 26.2 20.2 30.2

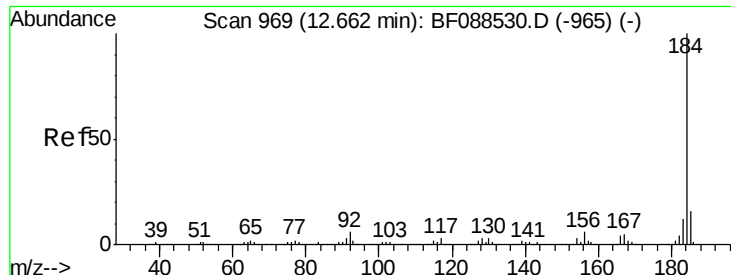


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

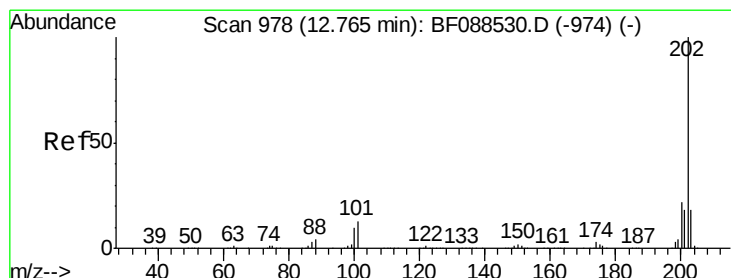
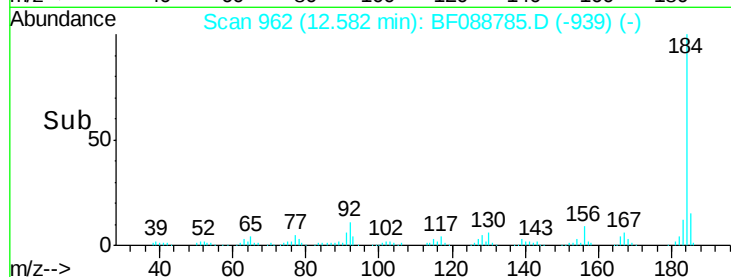
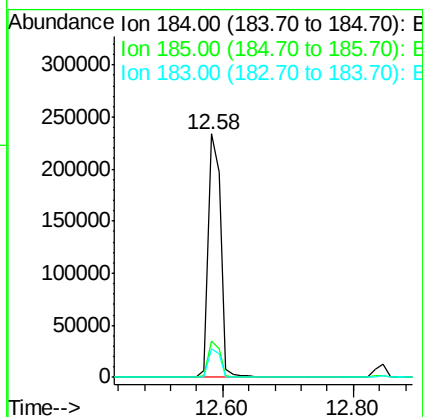
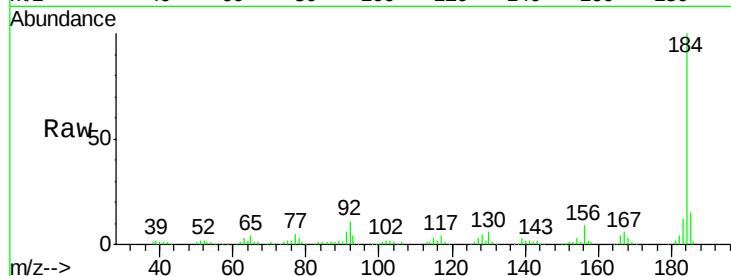




#76
Benzidine
Concen: 26.70 ng
RT: 12.58 min Scan# 962
Delta R.T. -0.03 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

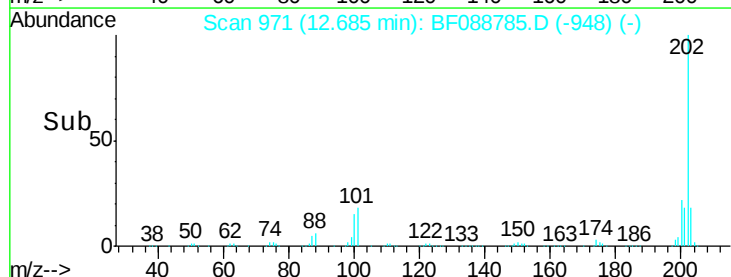
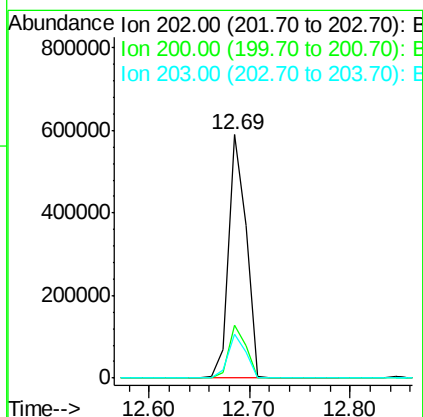
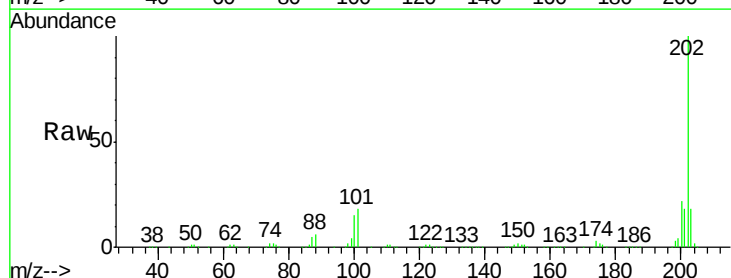
Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

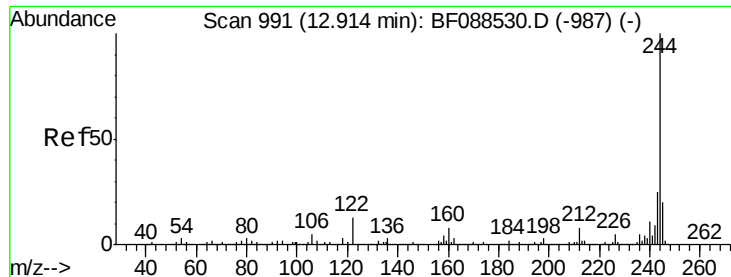
Tgt Ion:184 Resp: 312920
Ion Ratio Lower Upper
184 100
185 14.8 12.5 18.7
183 11.9 9.3 13.9



#77
Pyrene
Concen: 36.19 ng
RT: 12.69 min Scan# 971
Delta R.T. -0.03 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion:202 Resp: 711617
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 18.1 14.5 21.7

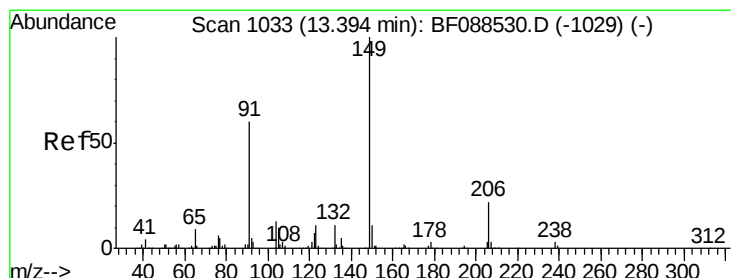
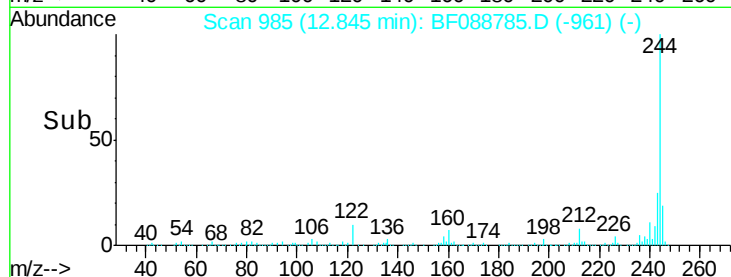
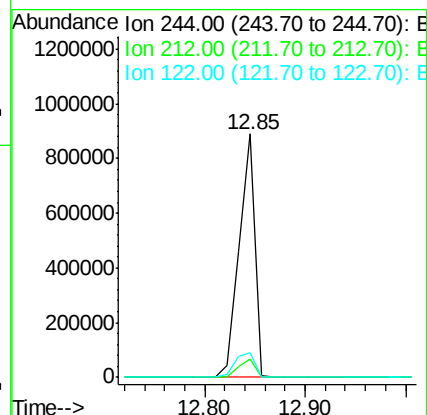
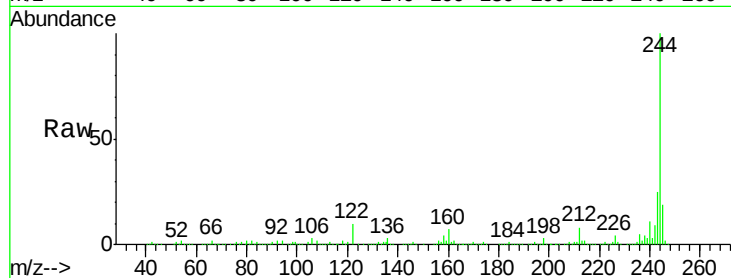




#78
 Terphenyl-d14
 Concen: 92.54 ng
 RT: 12.85 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

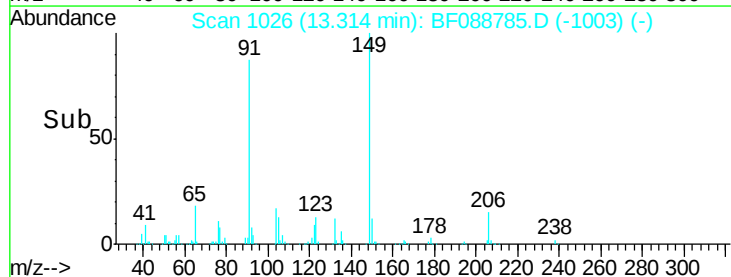
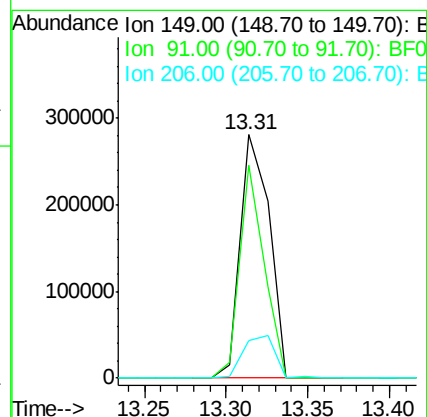
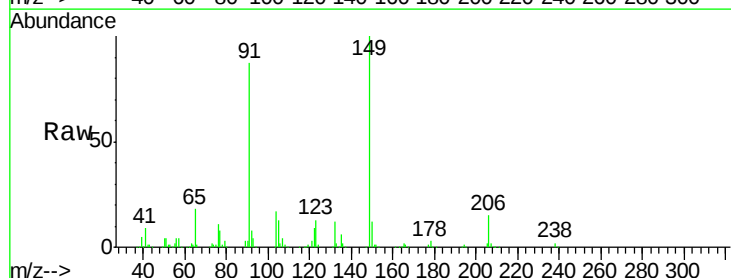
Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

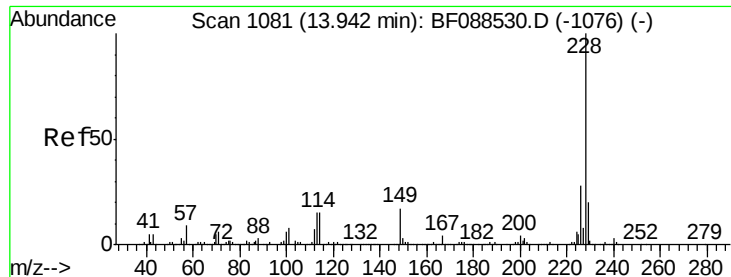
Tgt Ion: 244 Resp: 963401
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 10.1 11.2 16.8#



#79
 Butylbenzylphthalate
 Concen: 39.30 ng
 RT: 13.31 min Scan# 1026
 Delta R.T. -0.03 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

Tgt Ion: 149 Resp: 344715
 Ion Ratio Lower Upper
 149 100
 91 87.3 48.0 72.0#
 206 15.3 16.0 24.0#





#80

Benzo(a)anthracene

Concen: 41.49 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.03 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

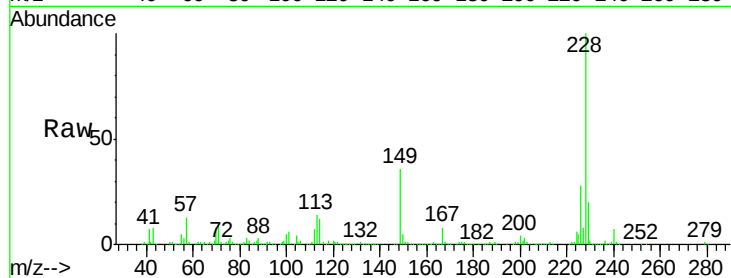
Tgt Ion:228 Resp: 619548

Ion Ratio Lower Upper

228 100

226 27.5 22.3 33.5

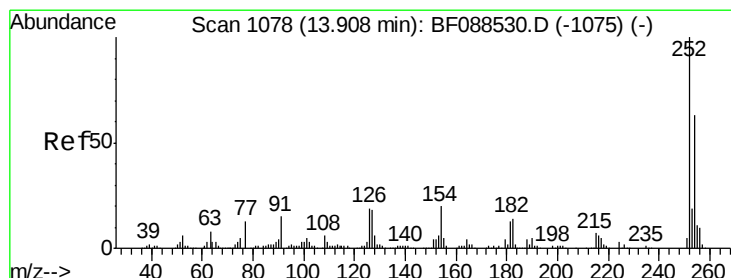
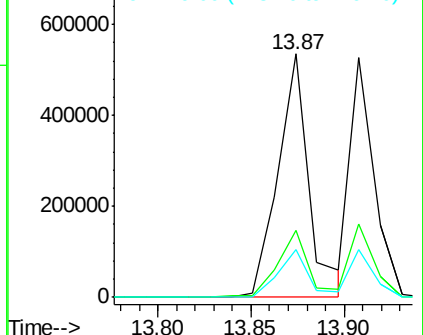
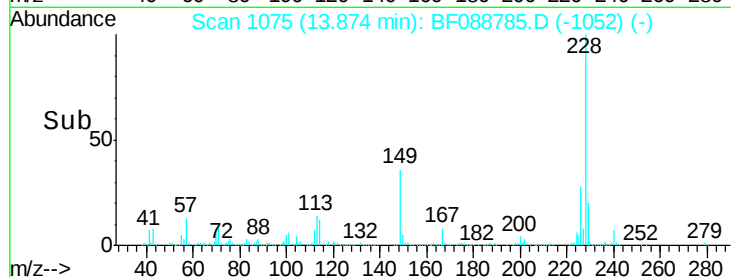
229 19.8 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 25.33 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.03 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

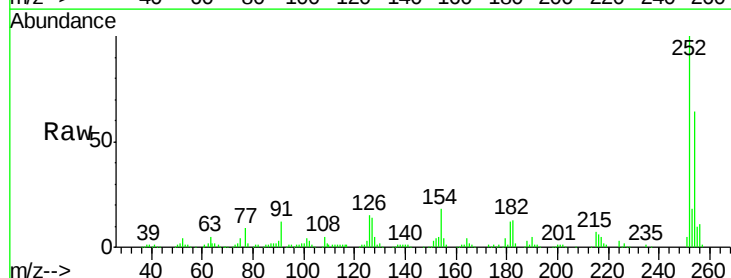
Tgt Ion:252 Resp: 142201

Ion Ratio Lower Upper

252 100

254 64.2 52.6 78.8

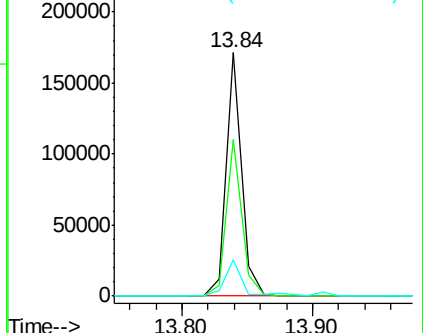
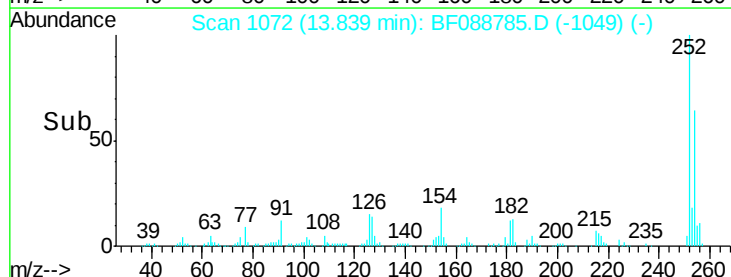
126 14.9 6.2 9.2#

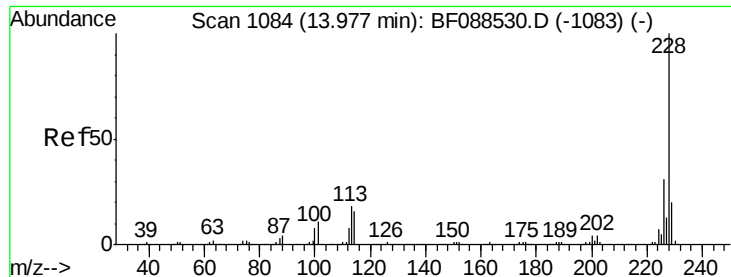


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

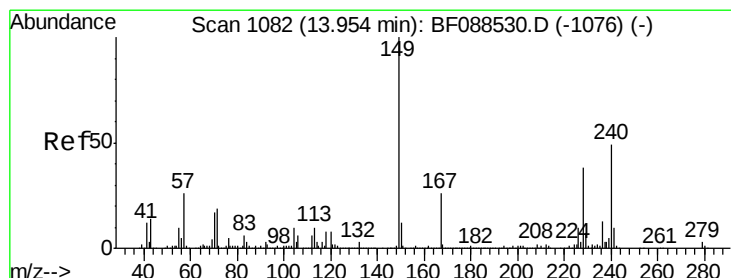
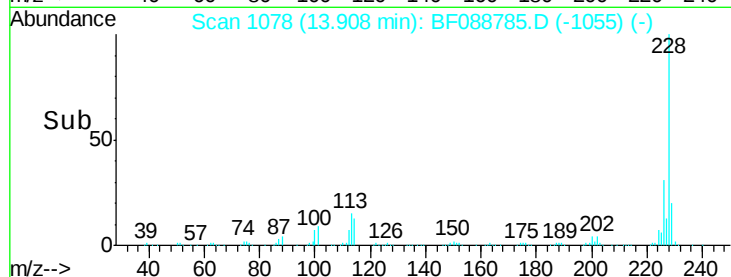
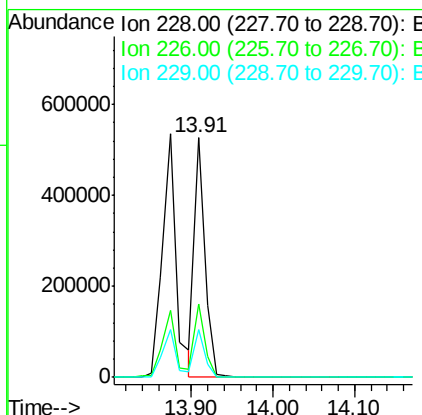
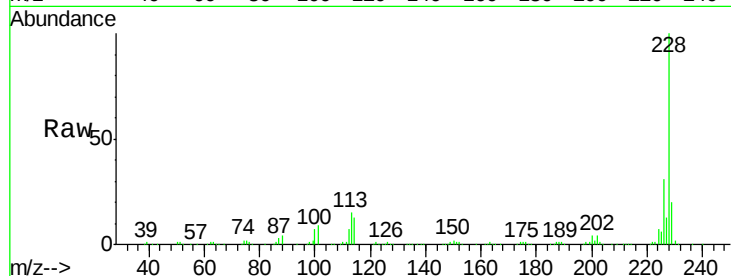




#82
Chrysene
 Concen: 32.42 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. -0.03 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

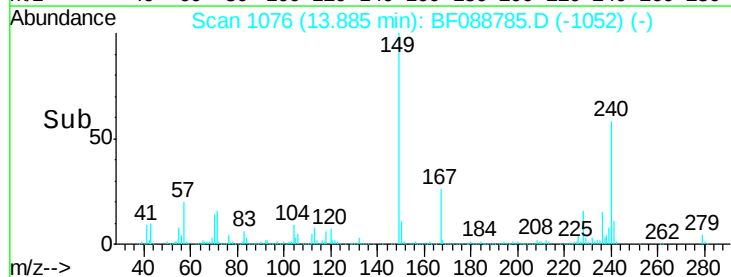
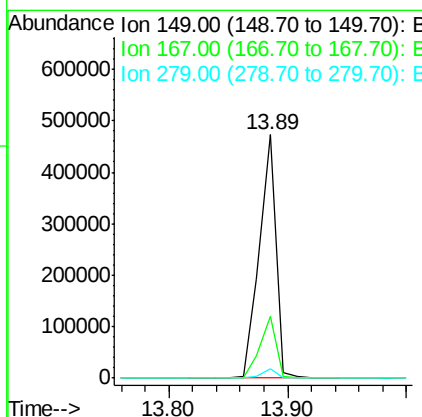
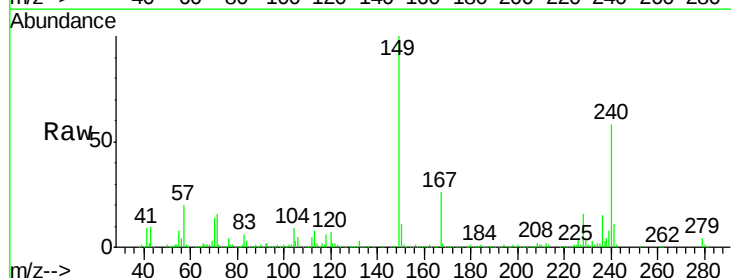
Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

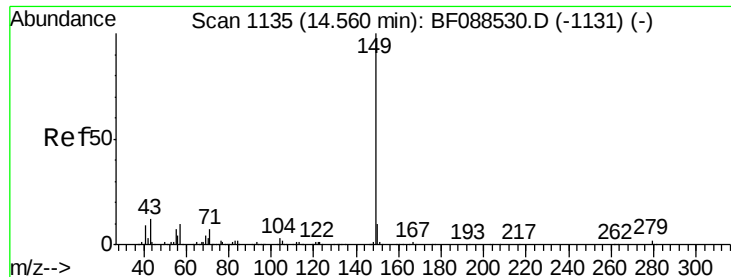
Tgt Ion: 228 Resp: 479011
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.4 38.2
 229 20.1 16.3 24.5



#83
Bis(2-ethylhexyl)phthalate
 Concen: 46.96 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. -0.02 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

Tgt Ion: 149 Resp: 470188
 Ion Ratio Lower Upper
 149 100
 167 25.6 20.5 30.7
 279 3.8 2.0 3.0#

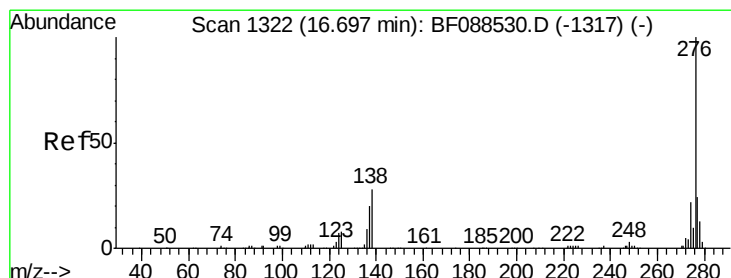
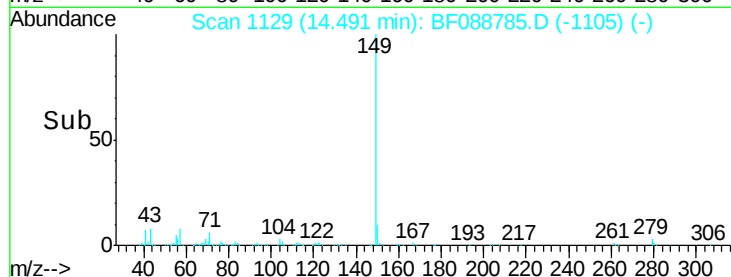
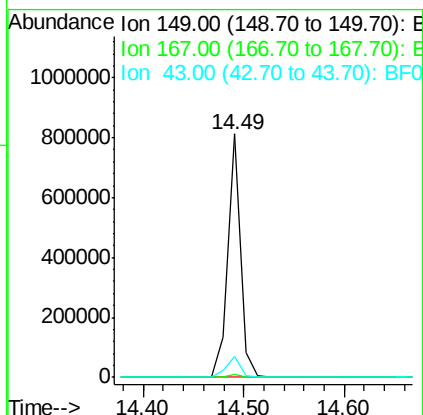
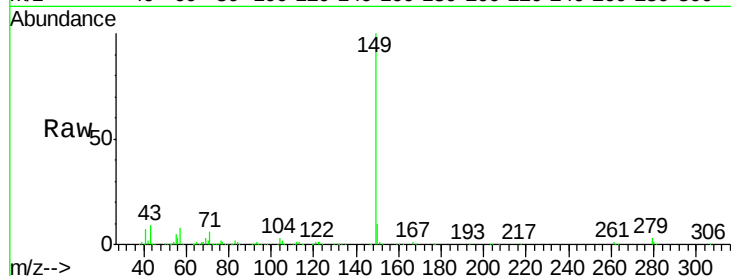




#84
Di-n-octyl phthalate
Concen: 41.89 ng
RT: 14.49 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

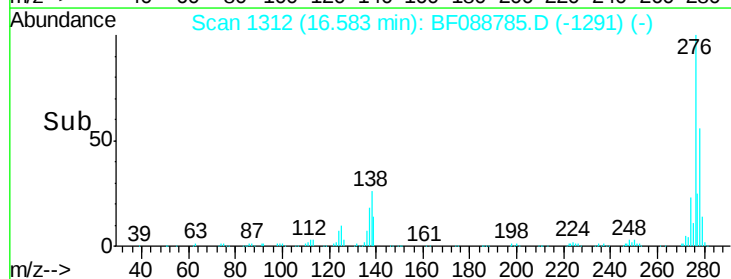
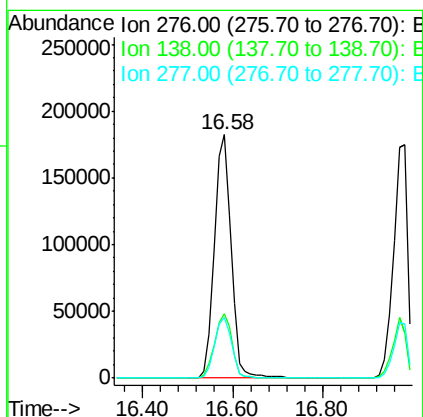
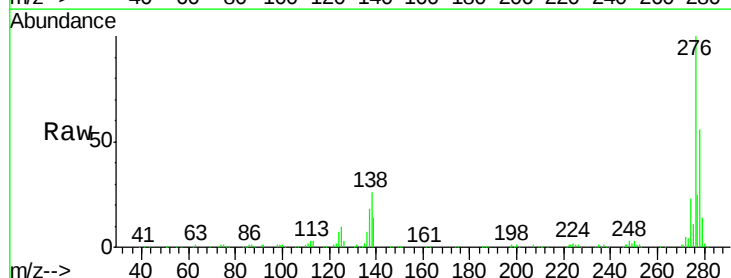
Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

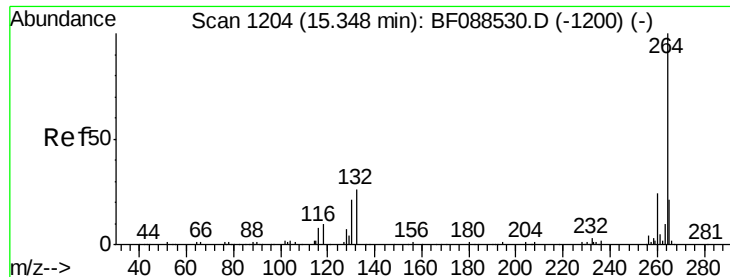
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	9.2	0.0	0.0#



#85
Indeno(1,2,3-cd)pyrene
Concen: 41.84 ng
RT: 16.58 min Scan# 1312
Delta R.T. -0.06 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.4	0.0	0.0#
277	25.4	0.0	0.0#



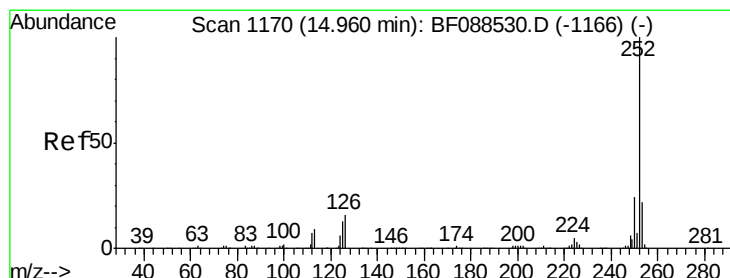
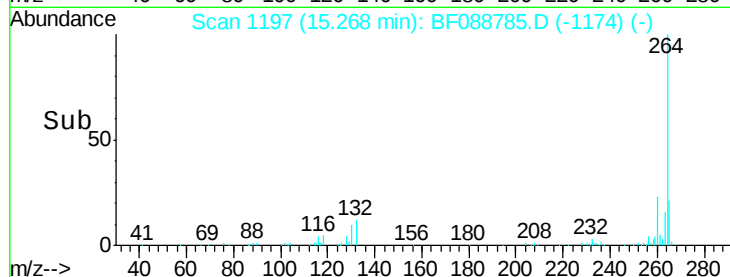
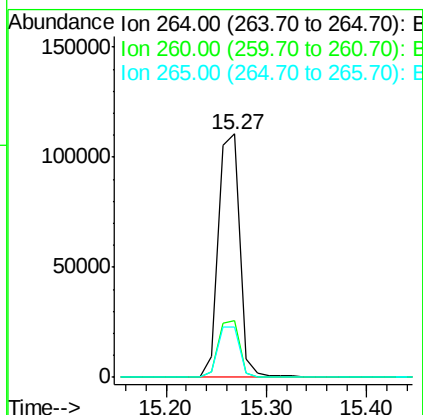
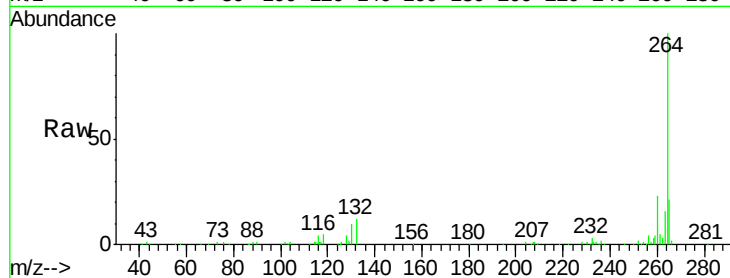


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1197
Delta R.T. -0.03 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

Tgt Ion: 264 Resp: 163493

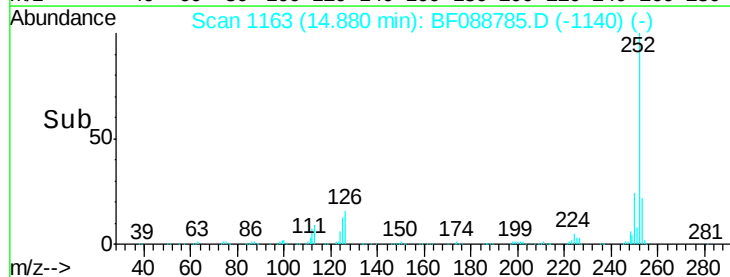
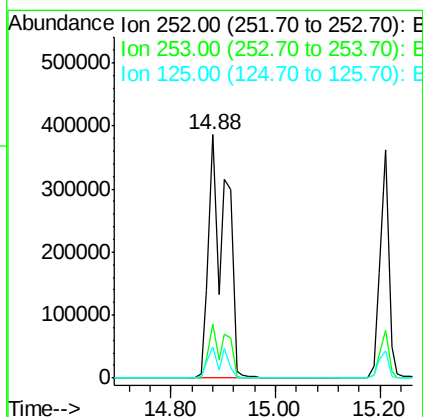
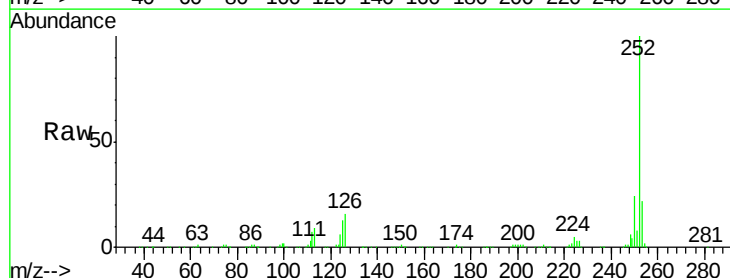
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.7	16.9	25.3

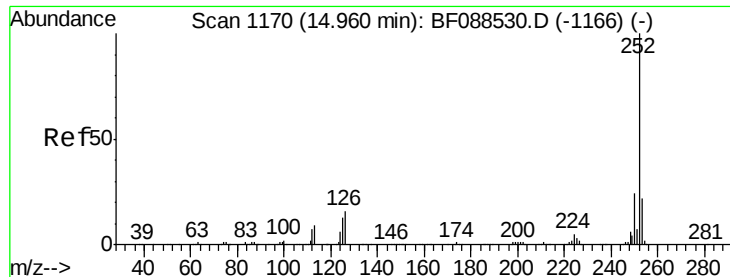


#87
Benzo(b)fluoranthene
Concen: 87.44 ng
RT: 14.88 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion: 252 Resp: 896776

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	12.6	7.1	10.7#

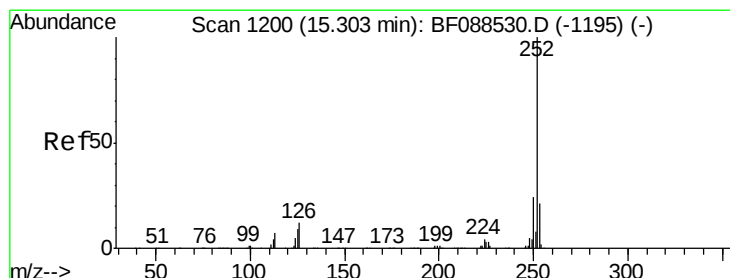
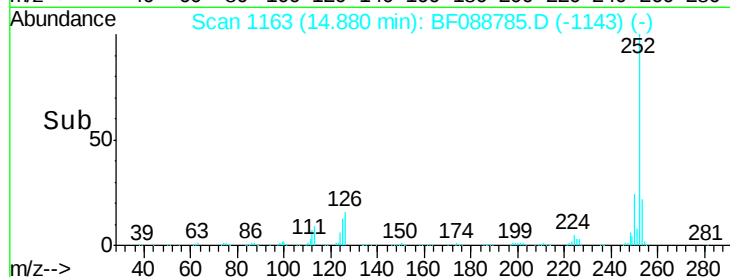
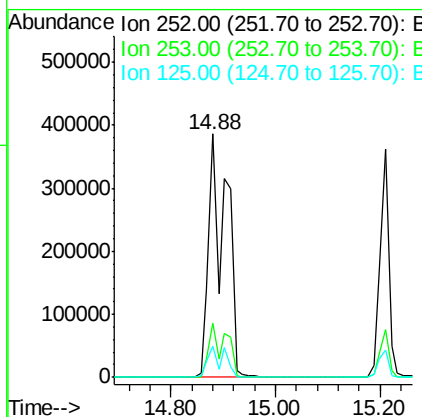
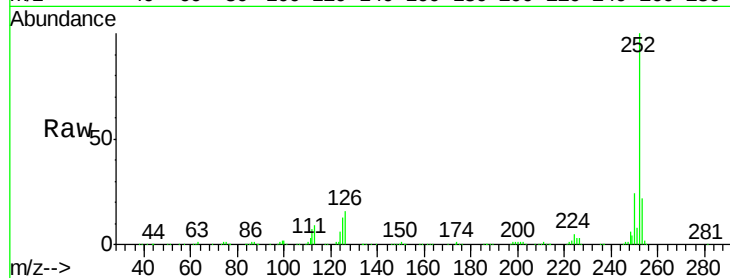




#88
Benzo(k)fluoranthene
Concen: 100.44 ng
RT: 14.88 min Scan# 1163
Delta R.T. -0.07 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

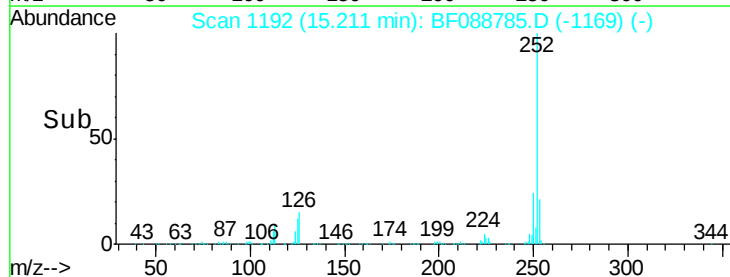
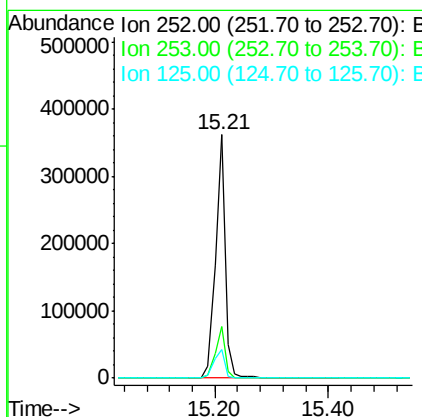
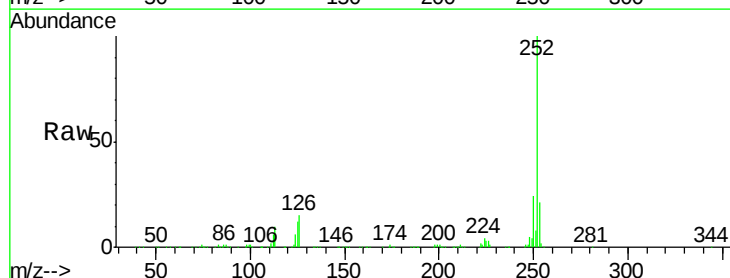
Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

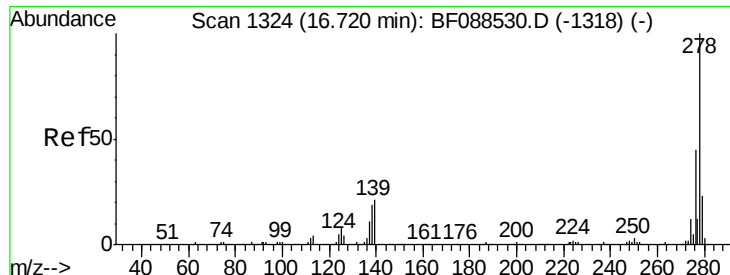
Tgt Ion:252 Resp: 896776
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 12.6 11.2 16.8



#89
Benzo(a)pyrene
Concen: 48.97 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.03 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion:252 Resp: 425262
Ion Ratio Lower Upper
252 100
253 21.2 17.9 26.9
125 11.9 12.5 18.7#





#90

Dibenzo(a,h)anthracene

Concen: 54.03 ng

RT: 16.59 min Scan# 1313

Delta R.T. -0.06 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

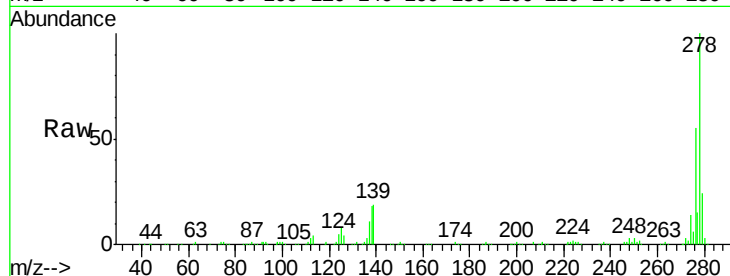
Tgt Ion:278 Resp: 391808

Ion Ratio Lower Upper

278 100

139 18.7 15.7 23.5

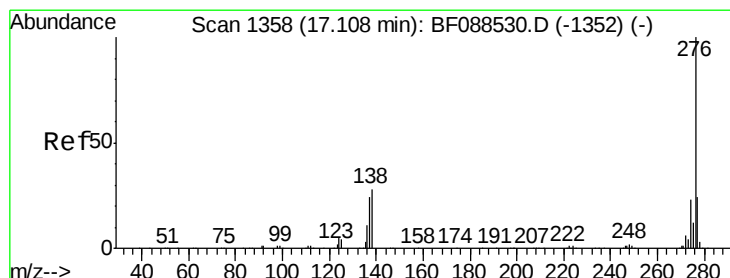
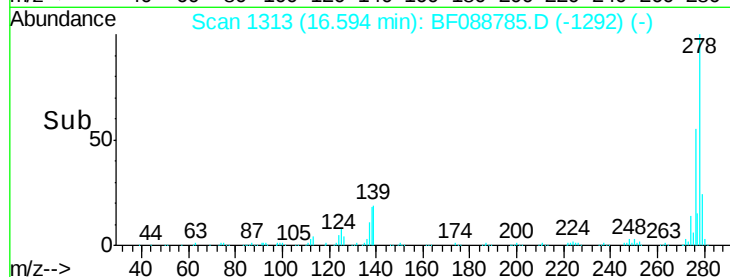
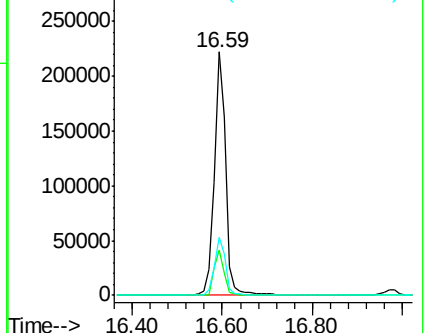
279 23.6 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 54.02 ng

RT: 16.98 min Scan# 1347

Delta R.T. -0.06 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

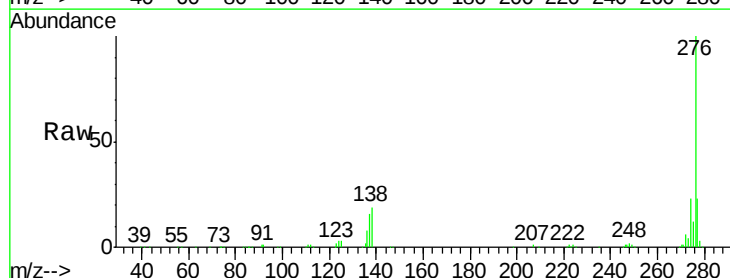
Tgt Ion:276 Resp: 405301

Ion Ratio Lower Upper

276 100

277 23.3 18.9 28.3

138 19.3 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

