

Data Path : Z:\HPCHEM1\BNA F\Data\BF012716\
 Data File : BF084619.D
 Acq On : 27 Jan 2016 14:15
 Operator : SJ/IZ
 Sample : PB87993BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 27 17:53:35 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 16:24:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	202762	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	835043	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	426348	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	805463	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	674038	20.00	ng	0.00
86) Perylene-d12	15.28	264	545356	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	1070942	85.43	ng	0.01
7) Phenol-d6	6.38	99	1362549	86.54	ng	-0.01
23) Nitrobenzene-d5	7.31	82	1254558	83.62	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	388951	90.36	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2035818	83.92	ng	0.00
78) Terphenyl-d14	12.84	244	2312354	76.58	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.35	88	186391	31.39	ng	# 71
3) Pyridine	3.02	79	413624	24.98	ng	# 69
4) n-Nitrosodimethylamine	2.98	42	240336	28.28	ng	# 68
6) Aniline	6.40	93	406091	17.63	ng	# 21
8) 2-Chlorophenol	6.52	128	574192	40.37	ng	91
9) Benzaldehyde	6.28	77	33519	3.27	ng	98
10) Phenol	6.40	94	646736	36.13	ng	77
11) bis(2-Chloroethyl)ether	6.48	93	514653	37.11	ng	# 83
12) 1,3-Dichlorobenzene	6.91	146	565503	38.54	ng	99
13) 1,4-Dichlorobenzene	6.75	146	559194	38.01	ng	97
14) 1,2-Dichlorobenzene	6.91	146	565542	40.14	ng	97
15) Benzyl Alcohol	6.89	79	471411	35.59	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.02	45	848043	33.58	ng	87
17) 2-Methylphenol	7.01	107	501928	42.11	ng	# 93
18) Hexachloroethane	7.25	117	230002	39.09	ng	# 85
19) n-Nitroso-di-n-propylamine	7.16	70	391502	36.73	ng	# 73
20) 3+4-Methylphenols	7.16	107	608244	43.41	ng	# 68
22) Acetophenone	7.15	105	819040	40.79	ng	98
24) Nitrobenzene	7.32	77	585287	38.46	ng	94
25) Isophorone	7.57	82	1157696	40.34	ng	96
26) 2-Nitrophenol	7.64	139	305357	44.09	ng	# 84
27) 2,4-Dimethylphenol	7.70	122	572574	40.84	ng	88
28) bis(2-Chloroethoxy)methane	7.79	93	704549	40.20	ng	# 96
29) 2,4-Dichlorophenol	7.89	162	527617	45.18	ng	96
30) 1,2,4-Trichlorobenzene	7.97	180	510599	42.35	ng	# 94
31) Naphthalene	8.04	128	1564202	41.29	ng	99
32) Benzoic acid	7.84	122	383008	43.19	ng	95
33) 4-Chloroaniline	8.10	127	167414	9.64	ng	98
34) Hexachlorobutadiene	8.17	225	291108	42.01	ng	99
35) Caprolactam	8.49	113	118098	30.00	ng	# 81
36) 4-Chloro-3-methylphenol	8.60	107	597835	45.70	ng	99
37) 2-Methylnaphthalene	8.74	142	1135209	41.74	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	493061	40.23	ng	98
40) Hexachlorocyclopentadiene	8.90	237	537581	72.65	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	378481	41.27	nq	94
43) 2,4,5-Trichlorophenol	9.07	196	353633	40.23	nq	# 87
45) 1,1'-Biphenyl	9.21	154	1477139	43.59	nq	98
46) 2-Chloronaphthalene	9.23	162	1099632	41.31	nq	91
47) 2-Nitroaniline	9.33	65	396478	45.13	nq	# 71
48) Acenaphthylene	9.64	152	1683674	42.82	nq	97
49) Dimethylphthalate	9.52	163	1319027	43.28	nq	# 90
50) 2,6-Dinitrotoluene	9.57	165	295825	44.25	nq	# 60
51) Acenaphthene	9.81	154	1096785	41.58	nq	98
52) 3-Nitroaniline	9.73	138	135724	16.38	nq	97
53) 2,4-Dinitrophenol	9.85	184	293096	101.91	nq	# 81
54) Dibenzofuran	9.98	168	1434761	41.79	nq	91
55) 4-Nitrophenol	9.93	139	547111	90.99	nq	95
56) 2,4-Dinitrotoluene	9.97	165	361933	42.78	nq	# 74
57) Fluorene	10.33	166	1217773	46.16	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.11	232	338678	45.12	nq	87
59) Diethylphthalate	10.21	149	1301649	43.31	nq	98
60) 4-Chlorophenyl-phenylether	10.32	204	517924	46.78	nq	# 87
61) 4-Nitroaniline	10.36	138	345177	46.75	nq	89
62) Azobenzene	10.48	77	1325238	40.21	nq	86
64) 4,6-Dinitro-2-methylphenol	10.38	198	236422	48.51	nq	92
65) n-Nitrosodiphenylamine	10.44	169	1006574	39.09	nq	98
66) 4-Bromophenyl-phenylether	10.81	248	349289	40.29	nq	# 79
67) Hexachlorobenzene	10.88	284	416022	42.64	nq	# 87
68) Atrazine	10.98	200	398347	47.27	nq	96
69) Pentachlorophenol	11.07	266	415537	82.13	nq	98
70) Phenanthrene	11.29	178	1988082	47.19	nq	97
71) Anthracene	11.33	178	1666651	40.35	nq	98
72) Carbazole	11.49	167	1584256	39.24	nq	99
73) Di-n-butylphthalate	11.84	149	2107823	50.70	nq	98
74) Fluoranthene	12.47	202	1747418	39.70	nq	99
76) Benzidine	12.59	184	743146	30.75	nq	99
77) Pyrene	12.69	202	1845638	34.89	nq	98
79) Butylbenzylphthalate	13.32	149	860284	37.59	nq	91
80) Benzo(a)anthracene	13.88	228	1696667	42.87	nq	98
81) 3,3'-Dichlorobenzidine	13.85	252	321922	23.31	nq	# 97
82) Chrysene	13.92	228	1329603	34.96	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	1099166	38.01	nq	99
84) Di-n-octyl phthalate	14.50	149	2025174	41.48	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.60	276	1232158	40.87	nq	99
87) Benzo(b)fluoranthene	14.92	252	2826306	79.23	nq	# 97
88) Benzo(k)fluoranthene	14.92	252	2826903	96.89	nq	98
89) Benzo(a)pyrene	15.23	252	1320742	43.65	nq	97
90) Dibenzo(a,h)anthracene	16.61	278	1023100	39.29	nq	98
91) Benzo(g,h,i)perylene	17.00	276	1010334	37.47	nq	97

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

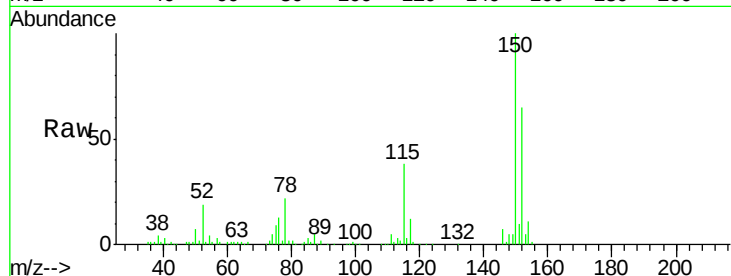


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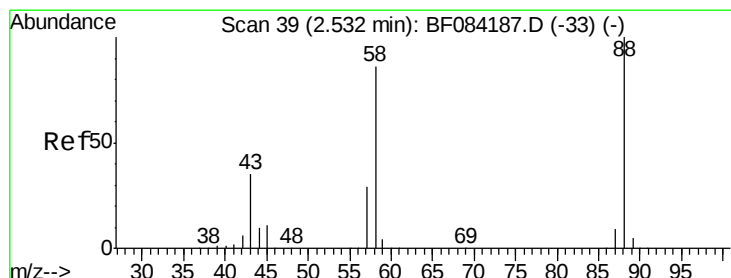
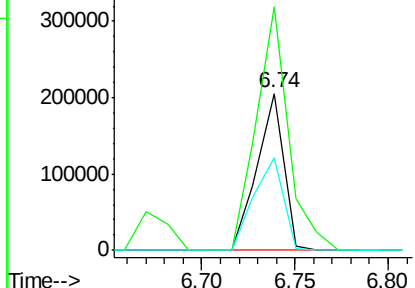
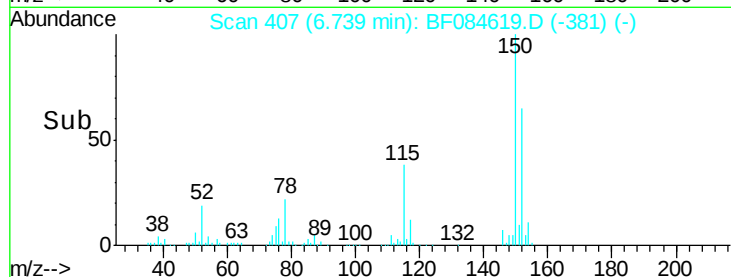
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 202762
Ion Ratio Lower Upper
152 100
150 155.0 123.0 184.4
115 58.9 51.4 77.2



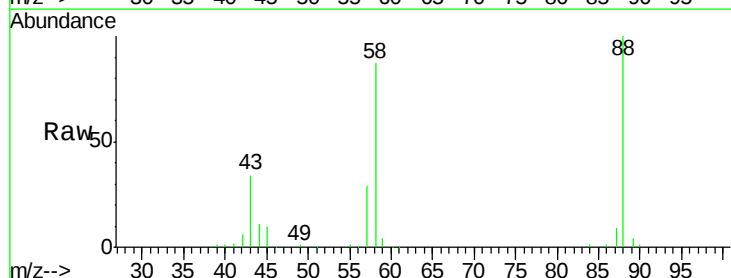
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



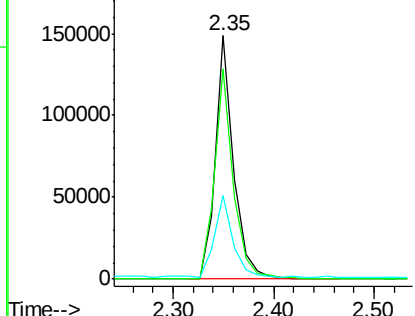
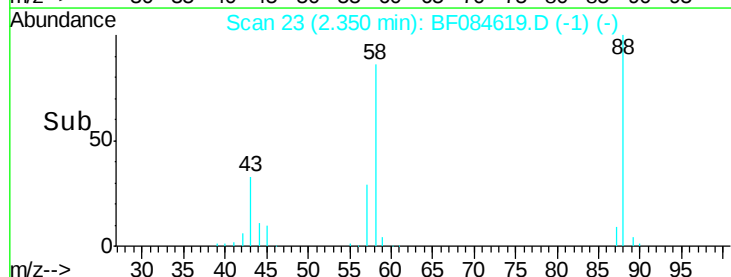
#2

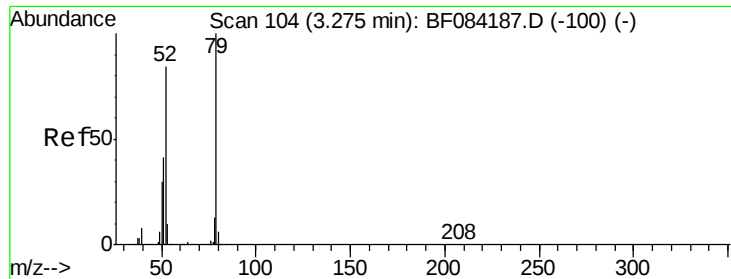
1,4-Dioxane
Concen: 31.39 ng
RT: 2.35 min Scan# 23
Delta R.T. 0.10 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Tgt Ion: 88 Resp: 186391
Ion Ratio Lower Upper
88 100
58 90.0 51.2 76.8#
43 34.0 19.5 29.3#



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





#3

Pvridine

Concen: 24.98 ng

RT: 3.02 min Scan# 82

Delta R.T. 0.09 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampleId :

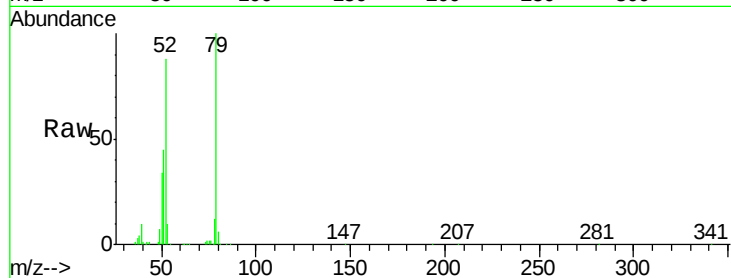
Tot Ion: 79 Resp: 413624

Ion Ratio Lower Upper

79 100

52 87.8 49.0 73.4#

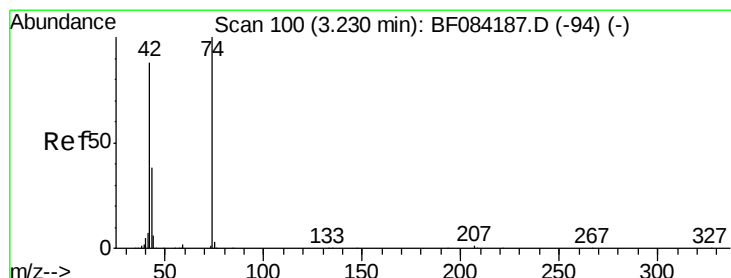
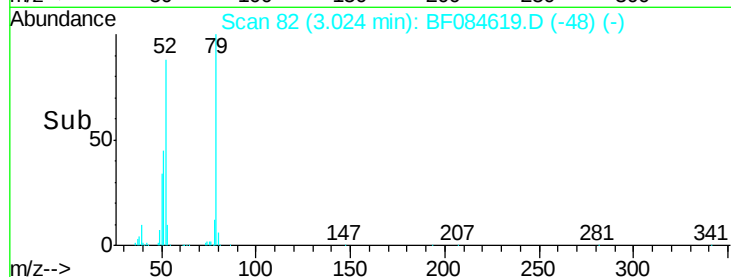
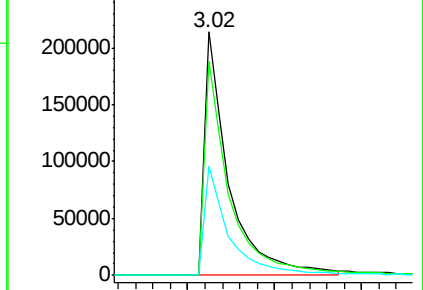
51 44.8 25.2 37.8#



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: 28.28 ng

RT: 2.98 min Scan# 78

Delta R.T. 0.09 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

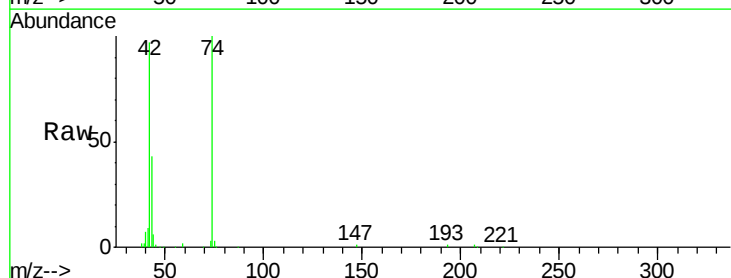
Tgt Ion: 42 Resp: 240336

Ion Ratio Lower Upper

42 100

74 103.3 115.7 173.5#

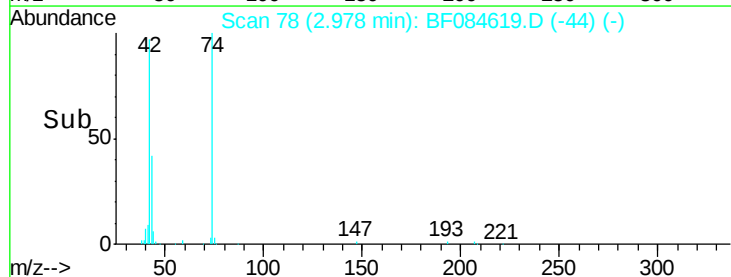
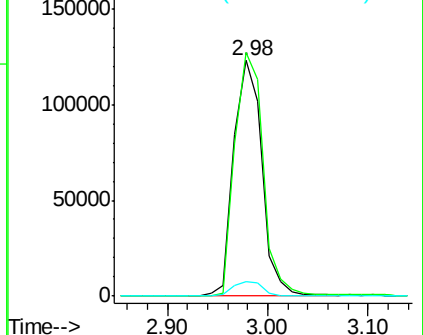
44 6.2 5.1 7.7

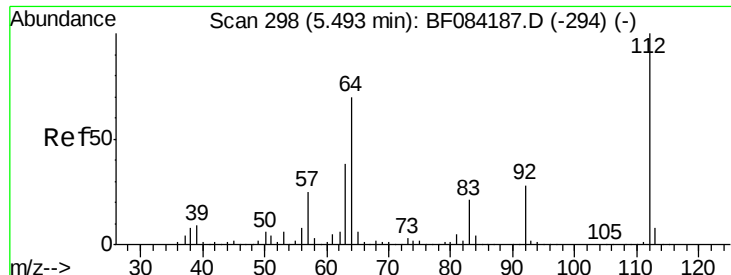


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 85.43 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.01 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampleId :

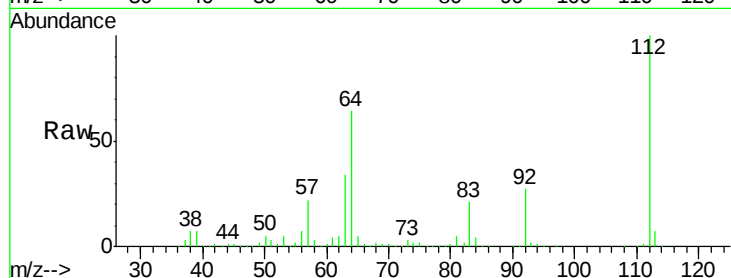
Tot Ion:112 Resp: 1070942

Ion Ratio Lower Upper

112 100

64 63.6 36.6 55.0#

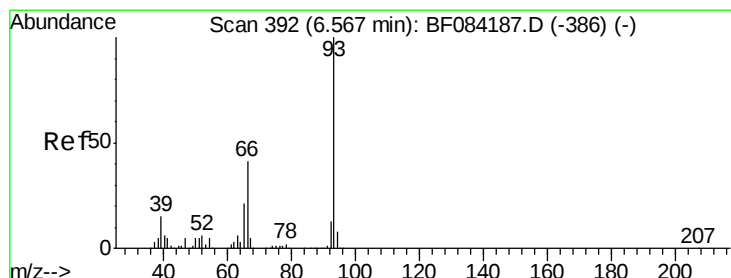
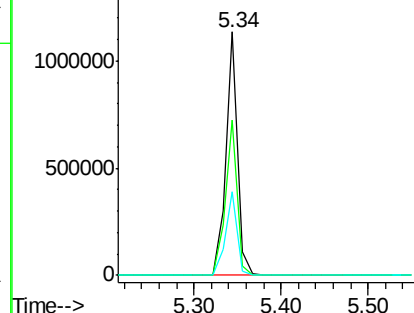
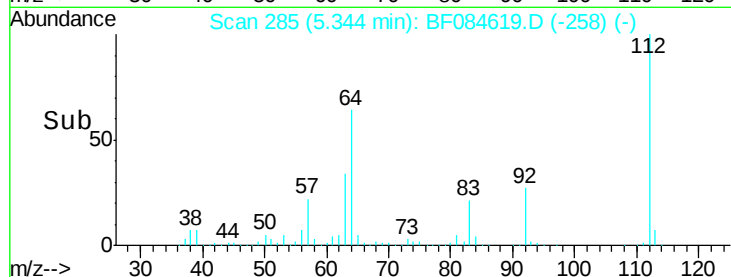
63 34.1 19.4 29.0#



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: 17.63 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

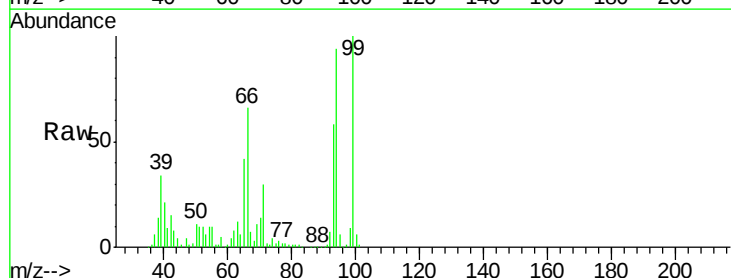
Tgt Ion: 93 Resp: 406091

Ion Ratio Lower Upper

93 100

66 114.1 44.9 67.3#

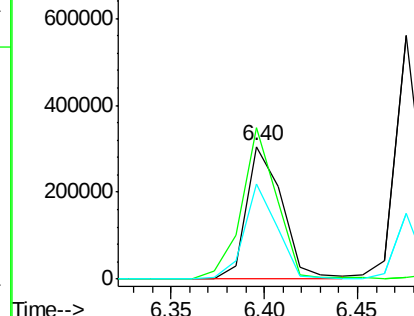
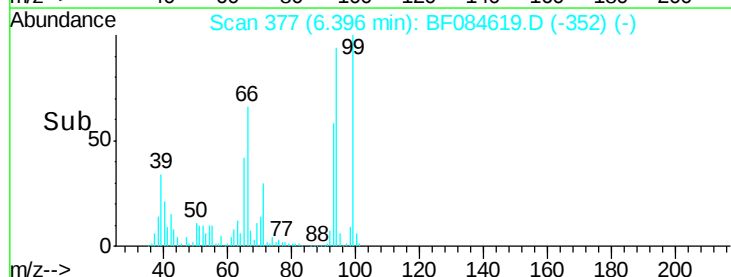
65 72.1 23.7 35.5#

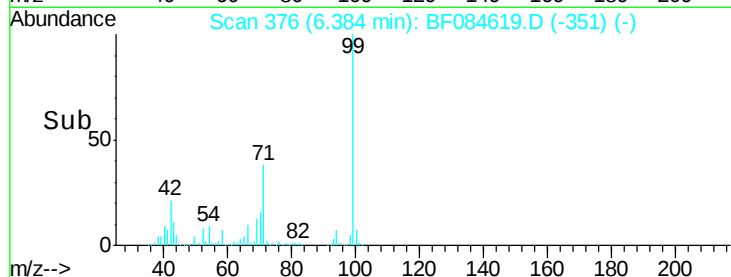
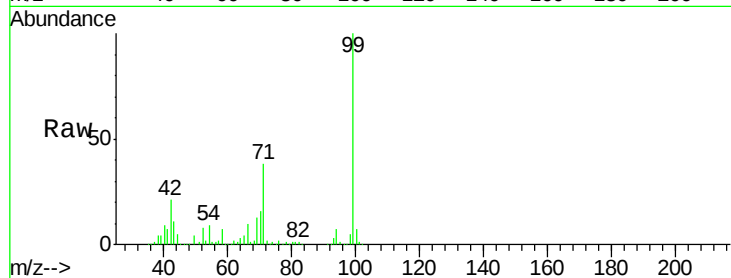
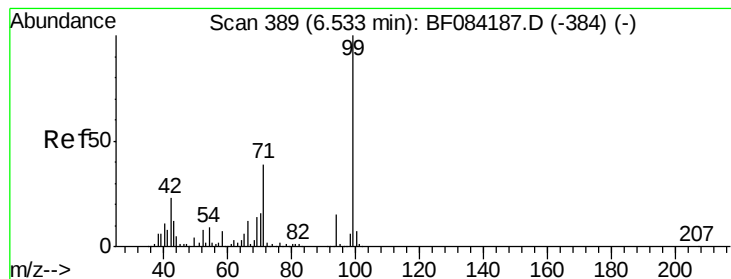


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 86.54 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampleId :

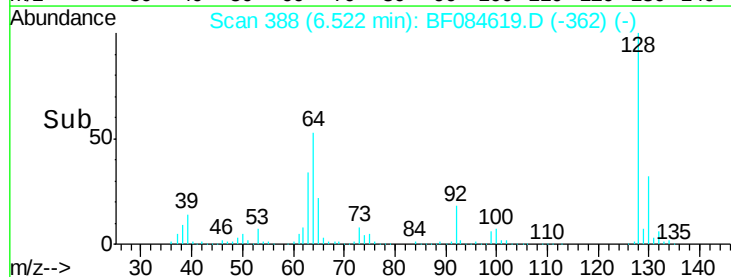
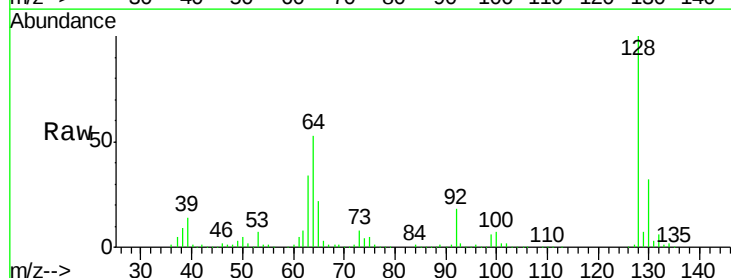
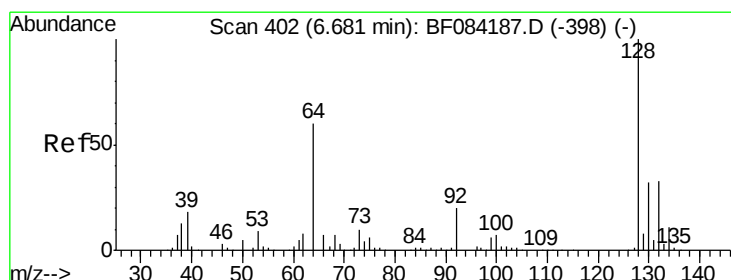
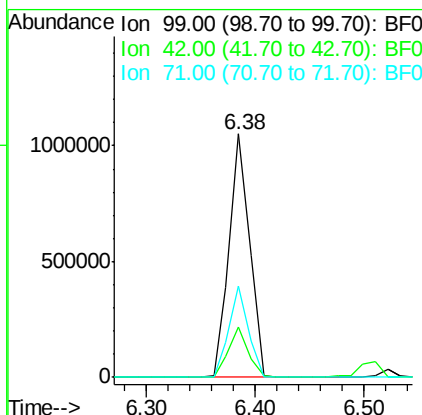
Tot Ion: 99 Resp: 1362549

Ion Ratio Lower Upper

99 100

42 20.9 12.8 19.2#

71 37.6 30.9 46.3



#8

2-Chlorophenol

Concen: 40.37 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

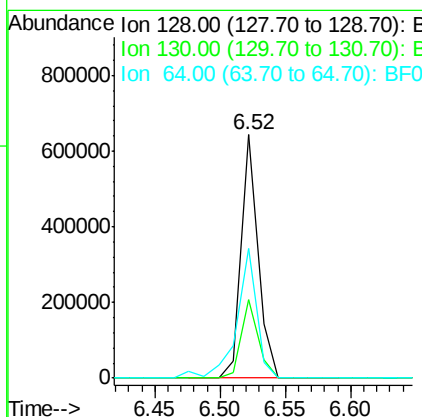
Tgt Ion:128 Resp: 574192

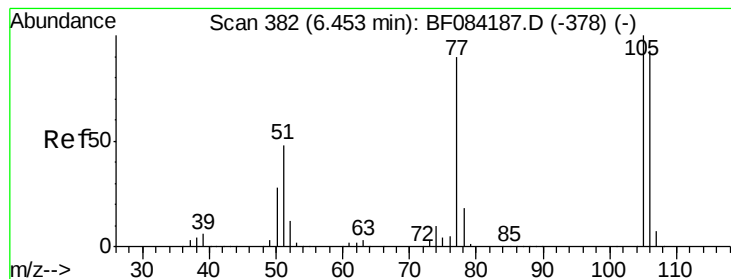
Ion Ratio Lower Upper

128 100

130 32.5 11.6 51.6

64 53.5 23.8 63.8





#9

Benzaldehyde

Concen: 3.27 ng

RT: 6.28 min Scan# 367

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampleId :

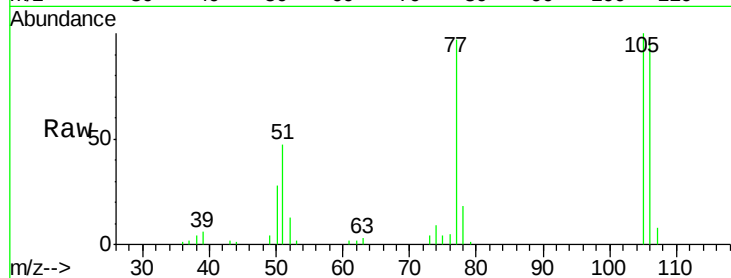
Tot Ion: 77 Resp: 33519

Ion Ratio Lower Upper

77 100

105 103.0 83.0 123.0

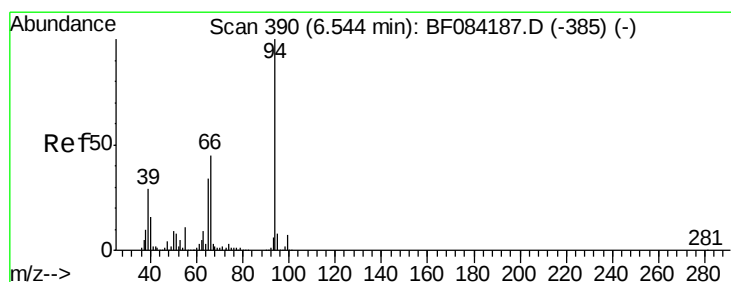
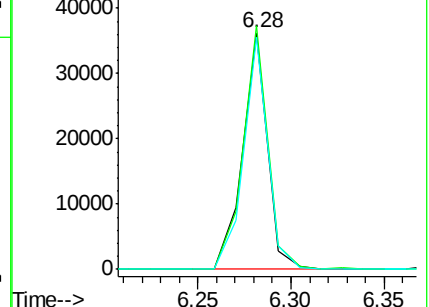
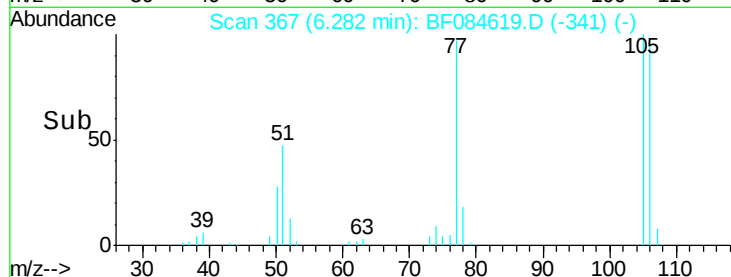
106 98.4 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.13 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

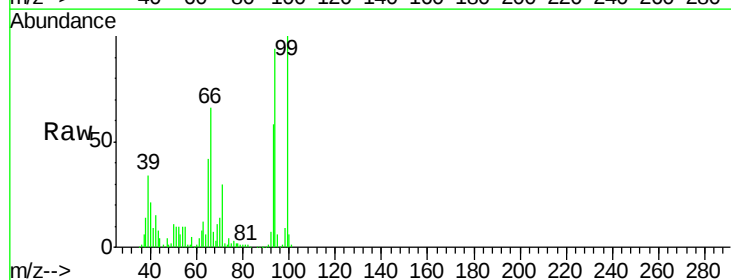
Tgt Ion: 94 Resp: 646736

Ion Ratio Lower Upper

94 100

65 44.2 12.9 52.9

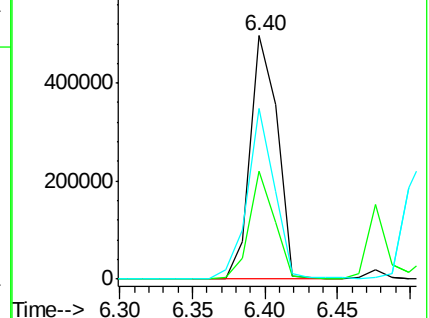
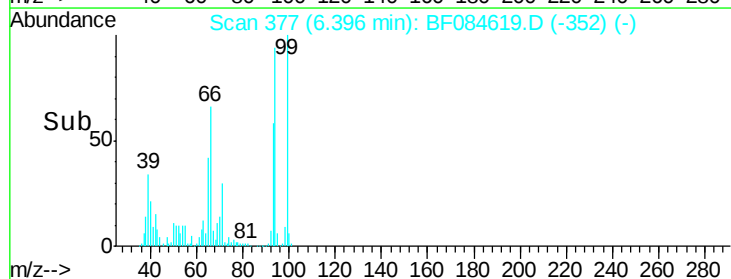
66 69.9 32.7 72.7



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

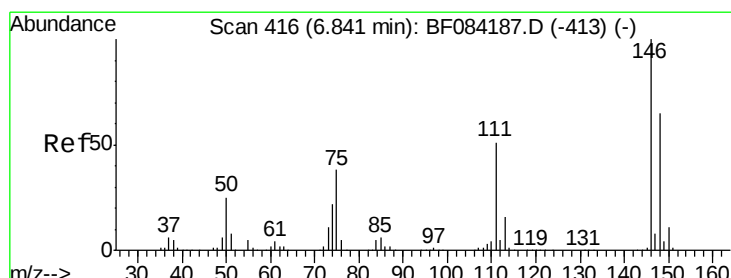
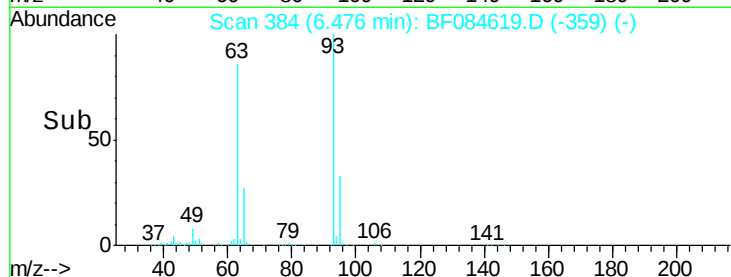
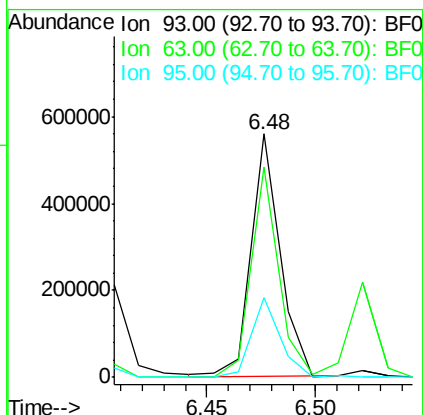
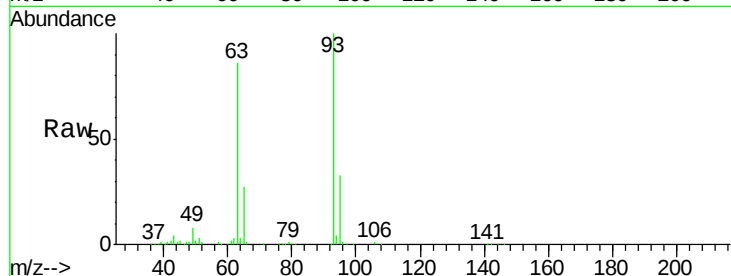




#11
bis(2-Chloroethyl)ether
Concen: 37.11 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.01 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

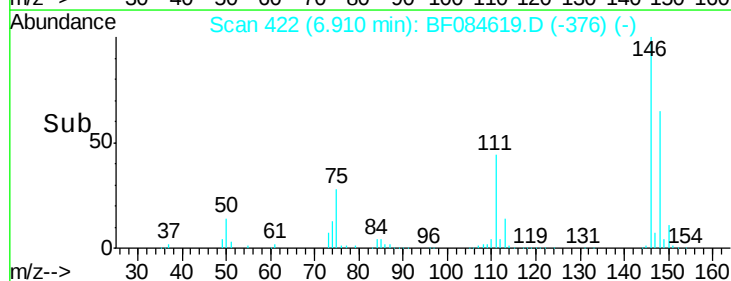
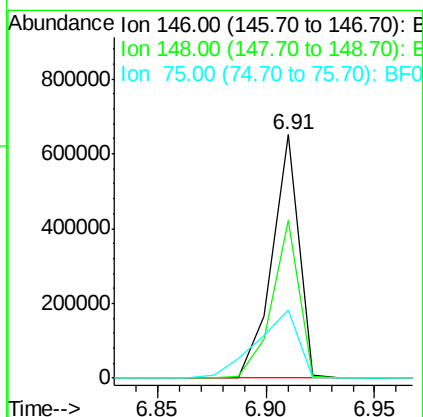
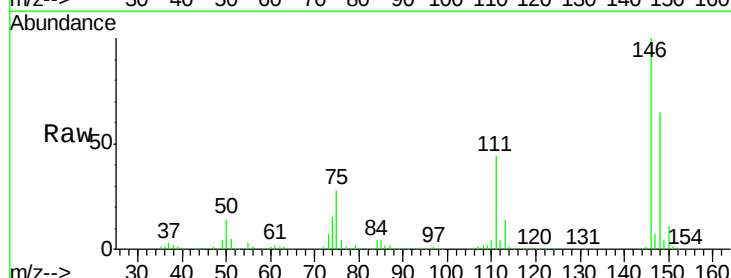
Instrument :
BNA_F
ClientSampleId :

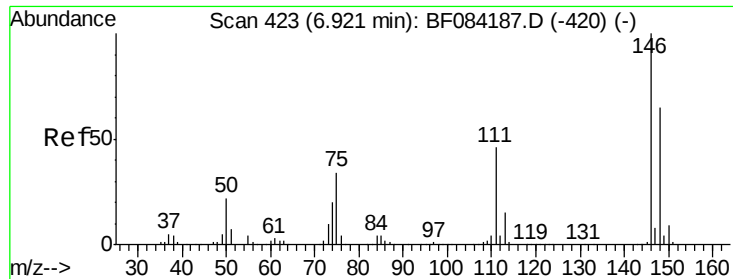
Tot Ion: 93 Resp: 514653
Ion Ratio Lower Upper
93 100
63 86.3 45.9 85.9#
95 32.6 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 38.54 ng
RT: 6.91 min Scan# 422
Delta R.T. 0.23 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Tgt Ion: 146 Resp: 565503
Ion Ratio Lower Upper
146 100
148 64.7 51.9 77.9
75 27.8 20.5 30.7

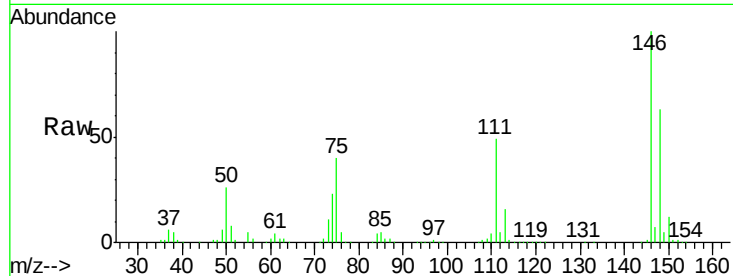




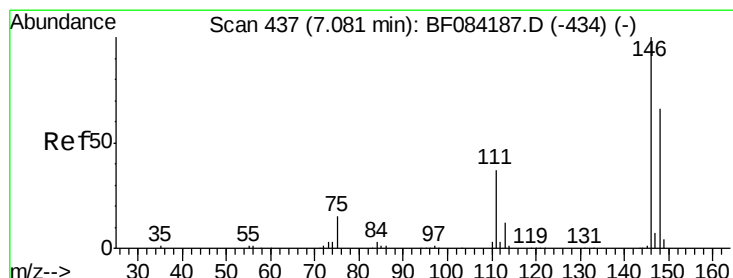
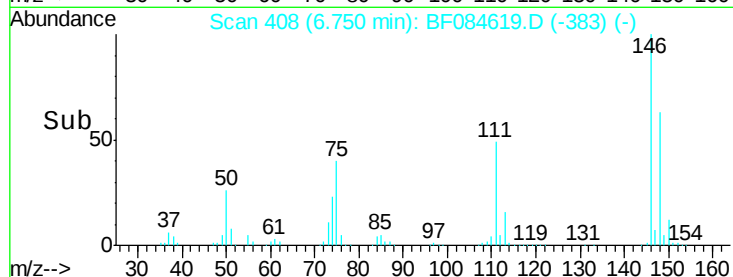
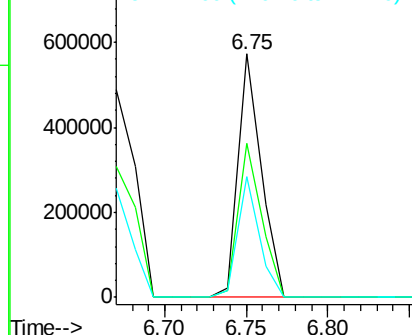
#13
 1,4-Dichlorobenzene
 Concen: 38.01 ng
 RT: 6.75 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: BF084619.D
 Acq: 27 Jan 2016 14:15

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:146 Resp: 559194
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.9 77.9
 111 49.3 41.6 62.4

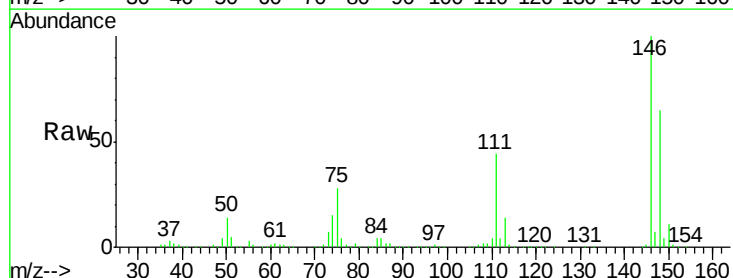


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

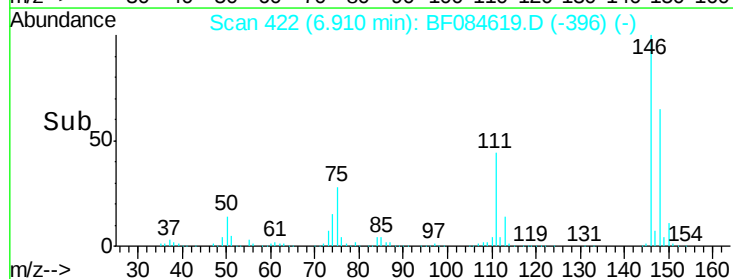
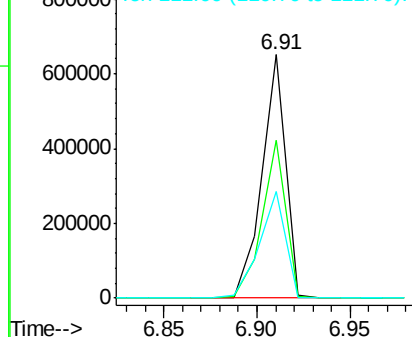


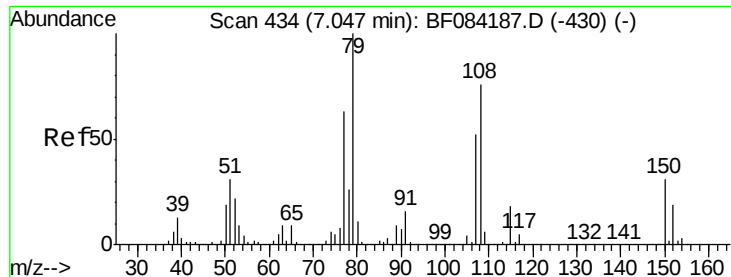
#14
 1,2-Dichlorobenzene
 Concen: 40.14 ng
 RT: 6.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF084619.D
 Acq: 27 Jan 2016 14:15

Tgt Ion:146 Resp: 565542
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.6 77.4
 111 43.6 38.0 57.0



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: 35.59 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampleId :

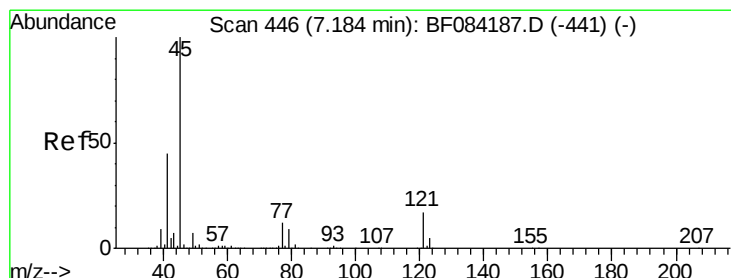
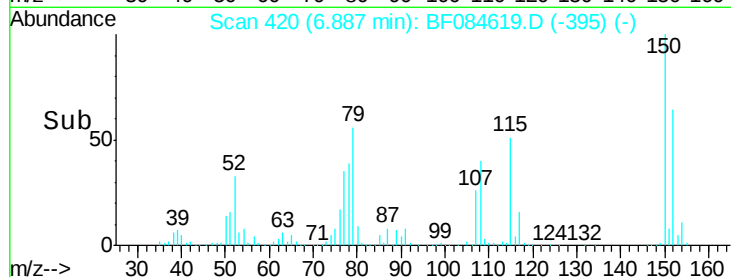
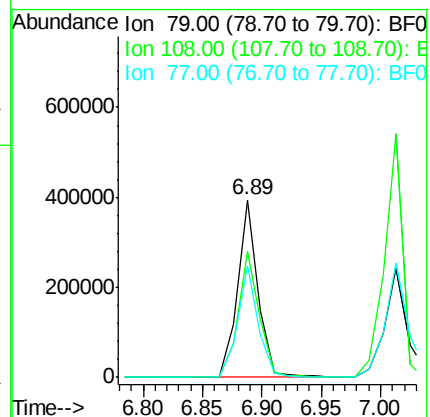
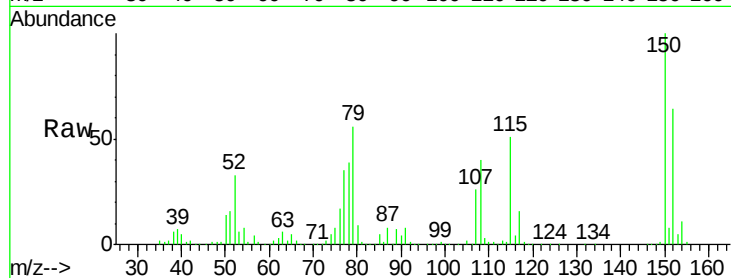
Tot Ion: 79 Resp: 471411

Ion Ratio Lower Upper

79 100

108 71.0 69.0 103.4

77 62.8 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.58 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

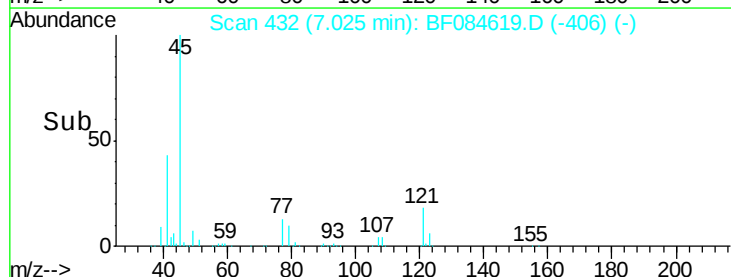
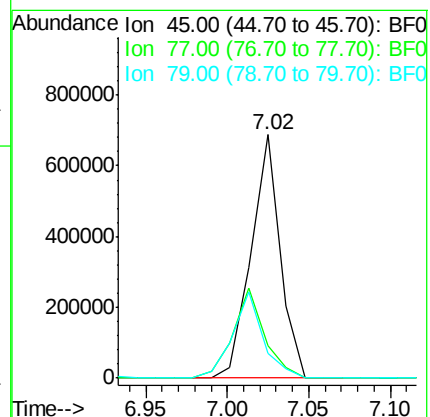
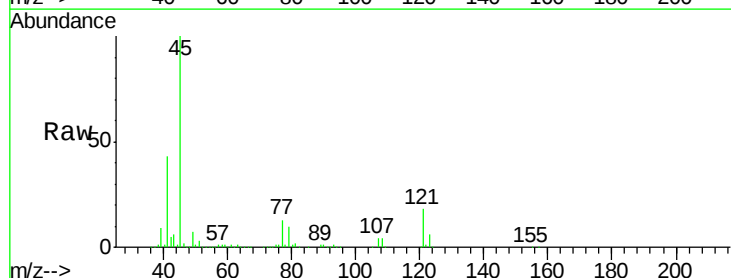
Tgt Ion: 45 Resp: 848043

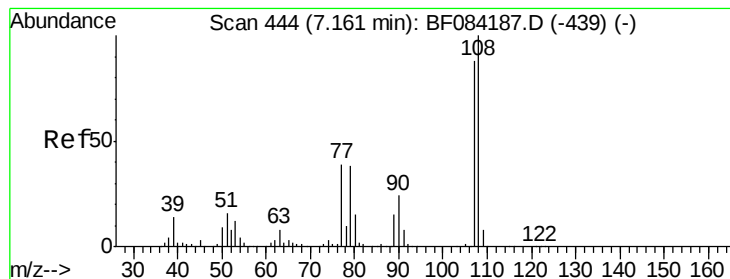
Ion Ratio Lower Upper

45 100

77 13.4 0.0 39.6

79 10.3 0.0 35.0

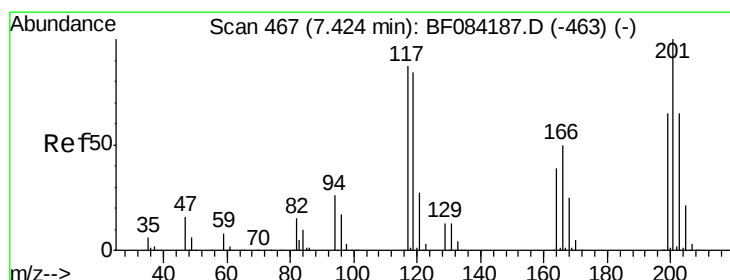
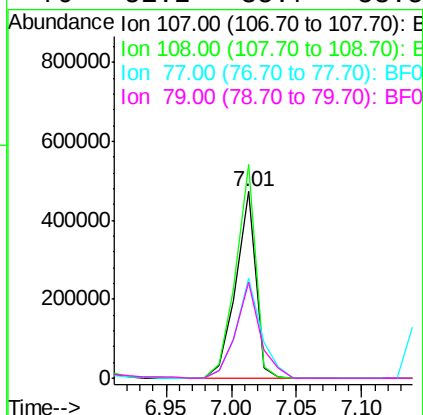
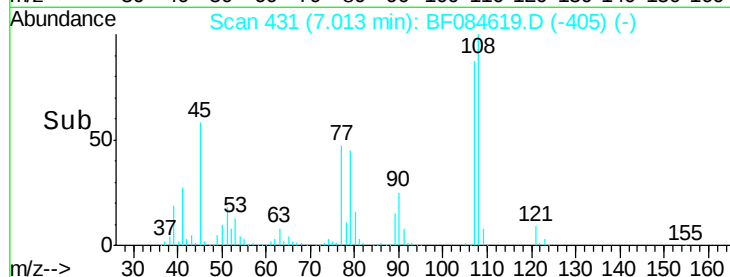
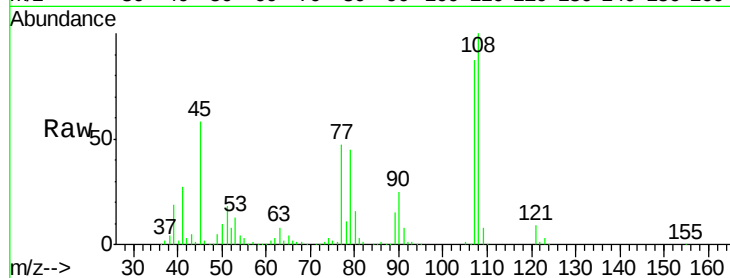




#17
2-Methylphenol
Concen: 42.11 ng
RT: 7.01 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

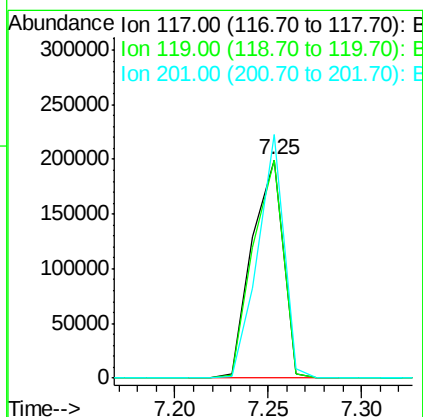
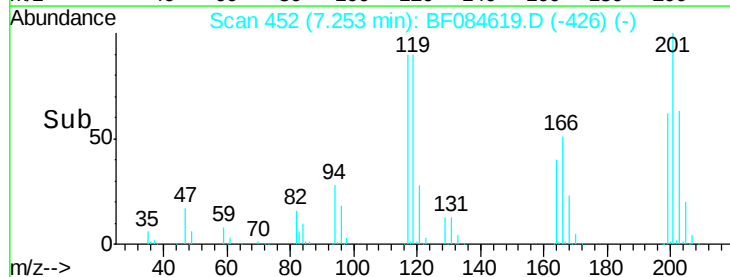
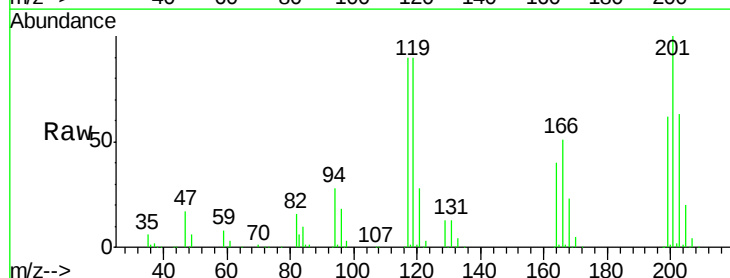
Instrument :
BNA_F
ClientSampled :

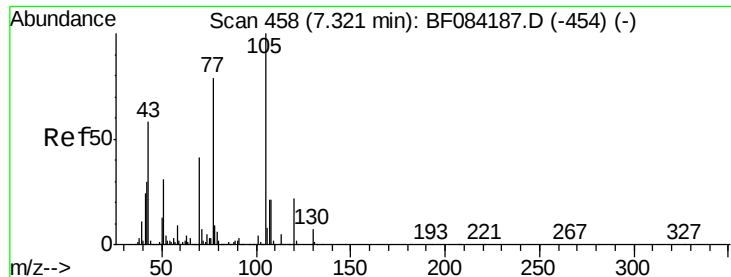
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.5	89.8	134.6
77	53.6	35.7	53.5
79	51.2	35.7	53.5



#18
Hexachloroethane
Concen: 39.09 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.1	77.4	116.0
201	111.7	68.6	103.0

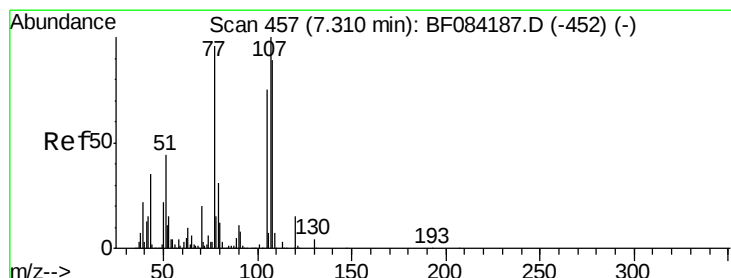
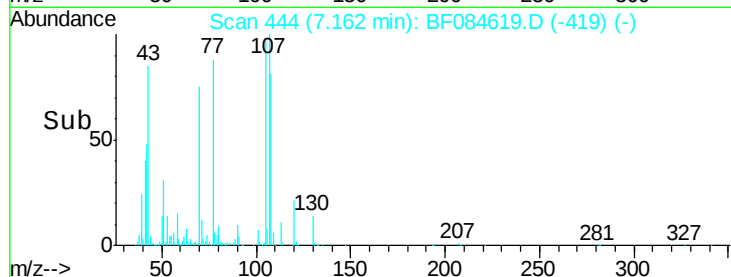
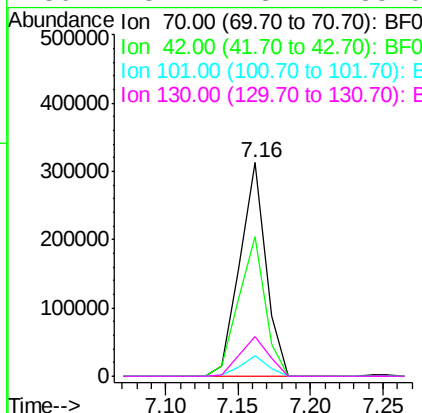
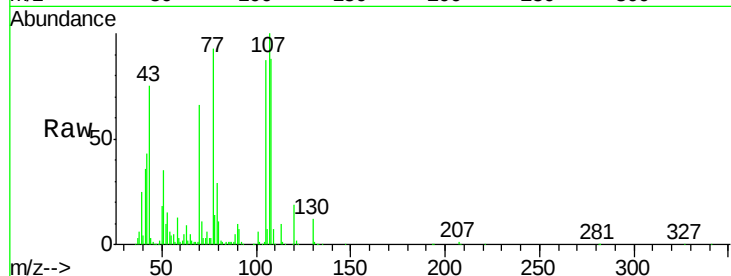




#19
n-Nitroso-di-n-propylamine
Concen: 36.73 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

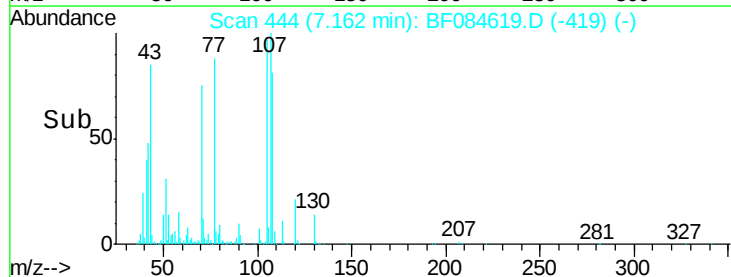
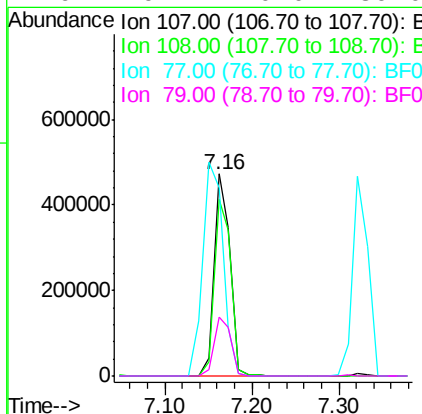
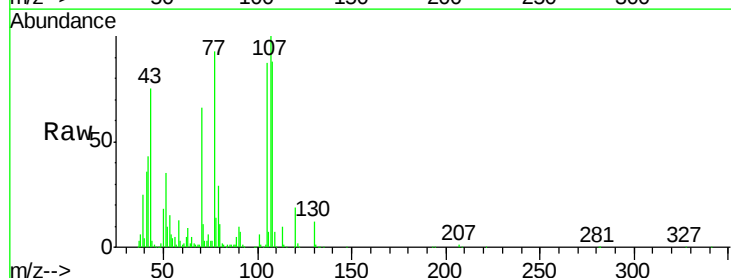
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 391502
Ion Ratio Lower Upper
70 100
42 65.1 33.3 49.9#
101 9.4 9.3 13.9
130 18.4 23.4 35.0#



#20
3+4-Methylphenols
Concen: 43.41 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Tgt Ion:107 Resp: 608244
Ion Ratio Lower Upper
107 100
108 87.5 74.6 114.6
77 93.4 0.7 40.7#
79 29.1 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF084619.D

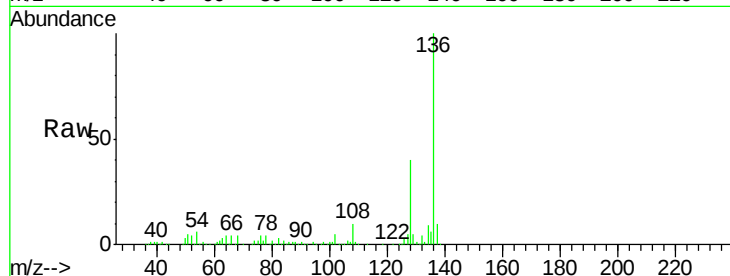
Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	835043
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.7 13.1
54	6.0	5.8 8.8
68	3.6	4.2 6.2#



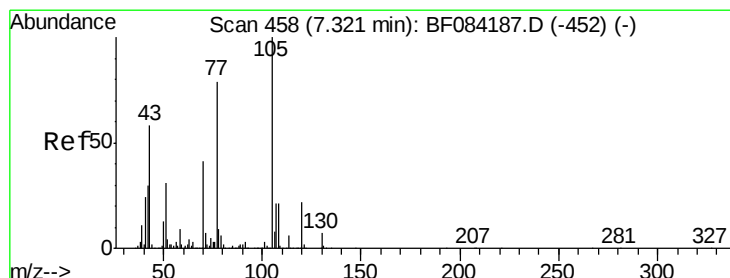
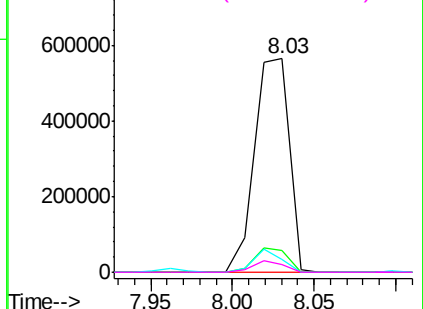
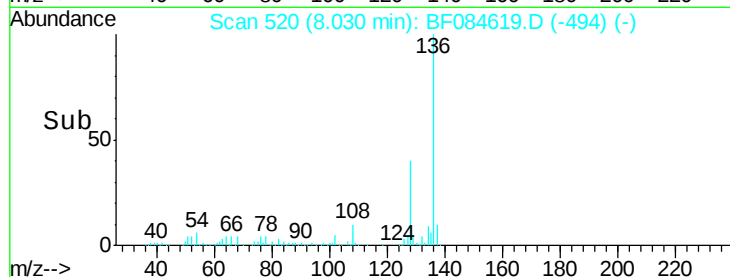
Abundance

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: 40.79 ng

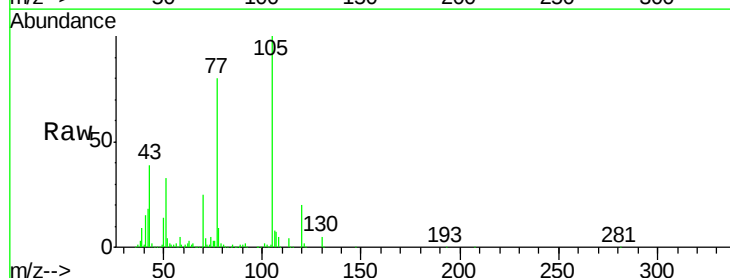
RT: 7.15 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Tgt Ion:105	Resp:	819040
Ion Ratio	Lower	Upper
105	100	
71	4.2	3.7 5.5
51	32.8	25.1 37.7
120	20.3	16.6 25.0



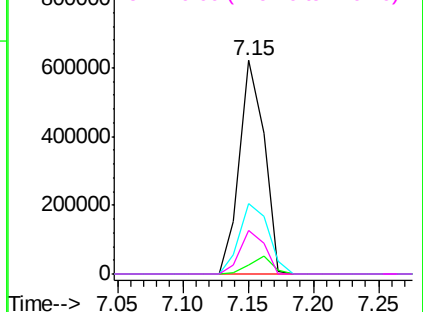
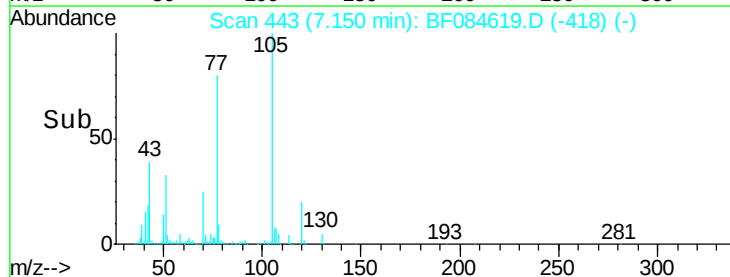
Abundance

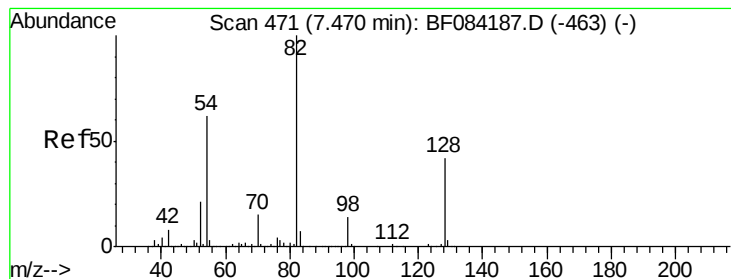
Ion 105.00 (104.70 to 105.70): E

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: 83.62 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampleId :

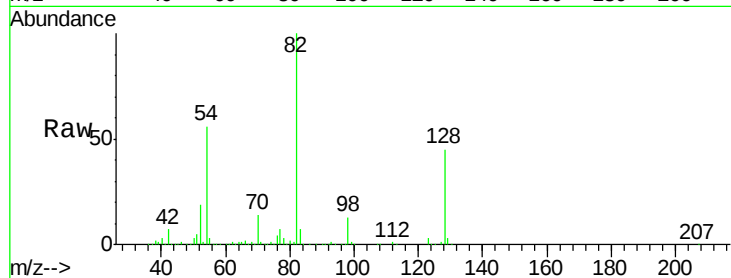
Tot Ion: 82 Resp: 1254558

Ion Ratio Lower Upper

82 100

128 44.8 34.6 51.8

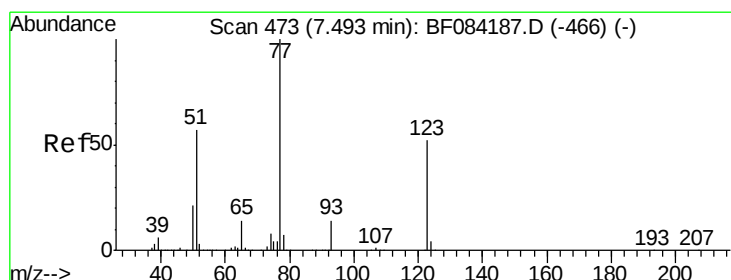
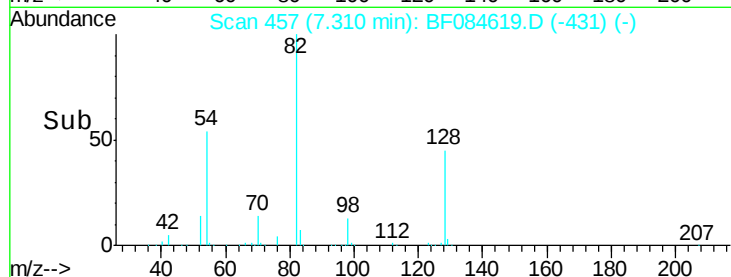
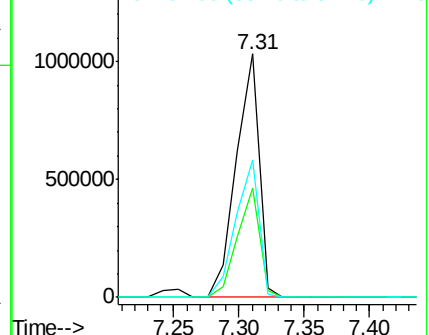
54 56.3 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 38.46 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

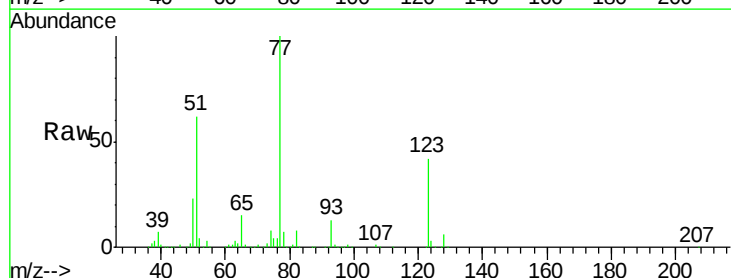
Tgt Ion: 77 Resp: 585287

Ion Ratio Lower Upper

77 100

123 42.3 37.4 56.2

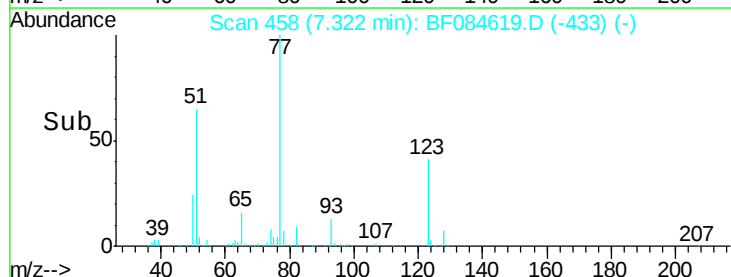
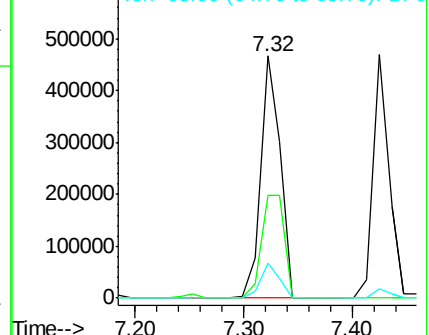
65 14.6 10.9 16.3

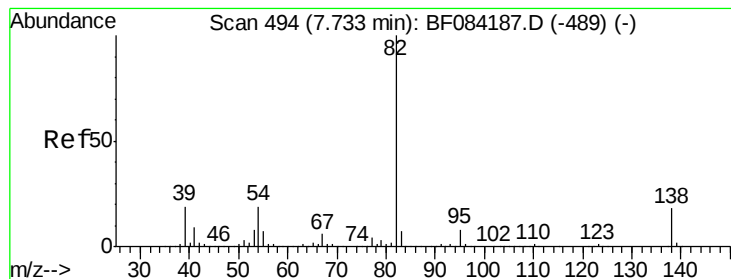


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.34 ng

RT: 7.57 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampled :

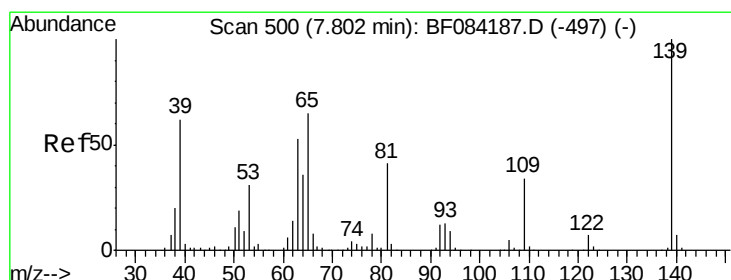
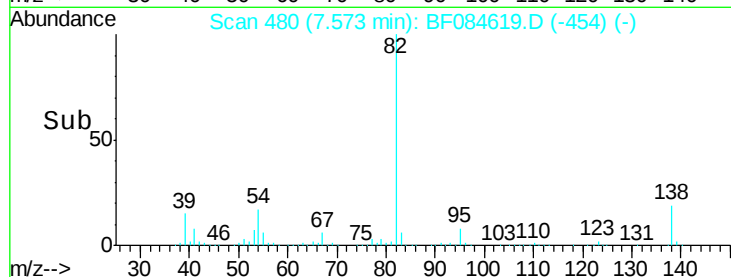
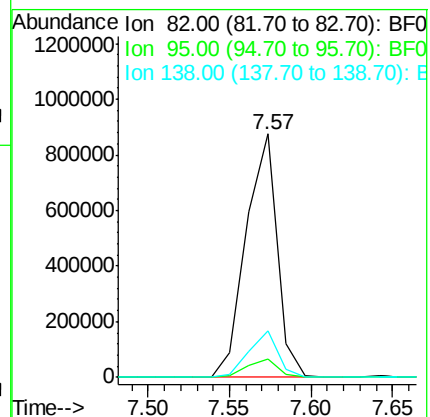
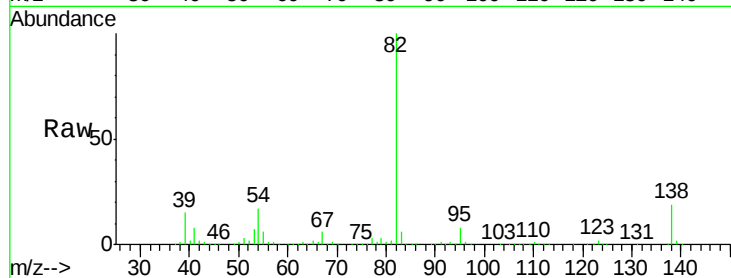
Tot Ion: 82 Resp: 1157696

Ion Ratio Lower Upper

82 100

95 7.7 6.6 10.0

138 19.1 13.6 20.4



#26

2-Nitrophenol

Concen: 44.09 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

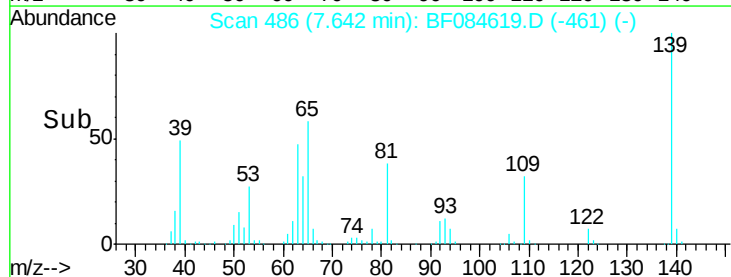
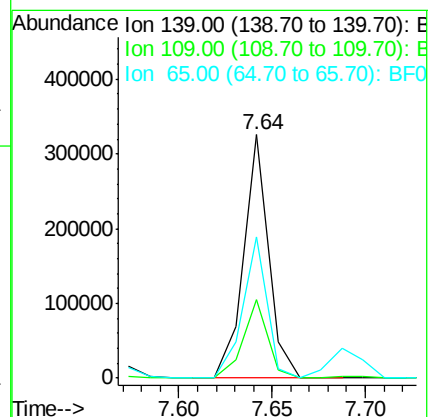
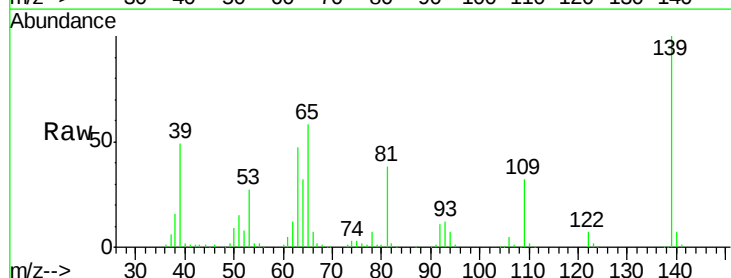
Tgt Ion: 139 Resp: 305357

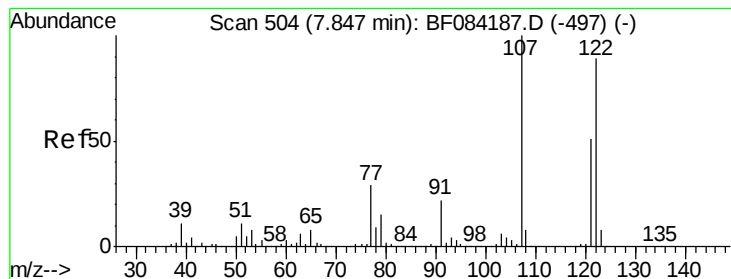
Ion Ratio Lower Upper

139 100

109 32.2 25.4 38.2

65 58.1 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 40.84 ng

RT: 7.70 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampled :

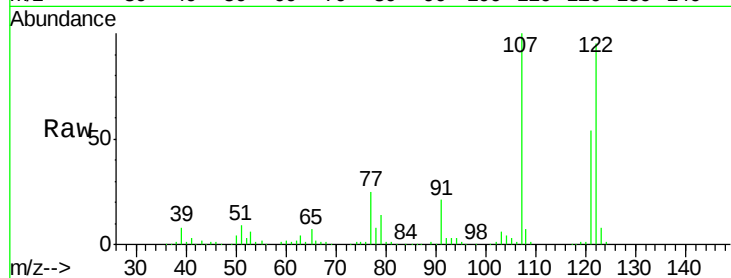
Tot Ion:122 Resp: 572574

Ion Ratio Lower Upper

122 100

107 105.4 99.1 148.7

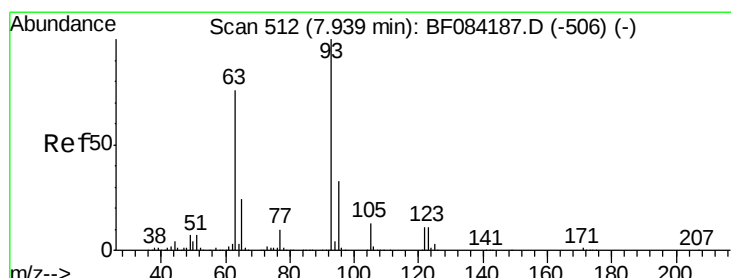
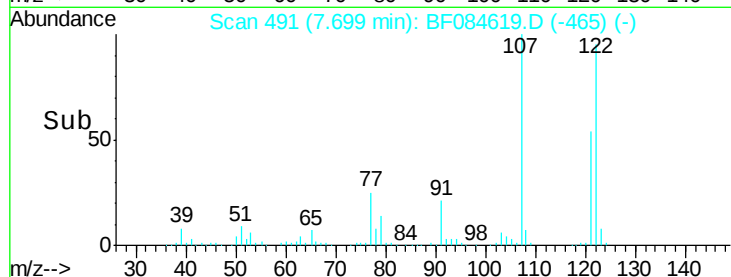
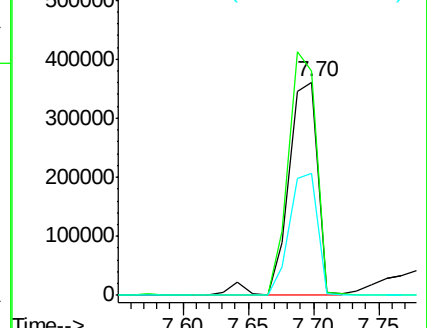
121 57.2 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.20 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

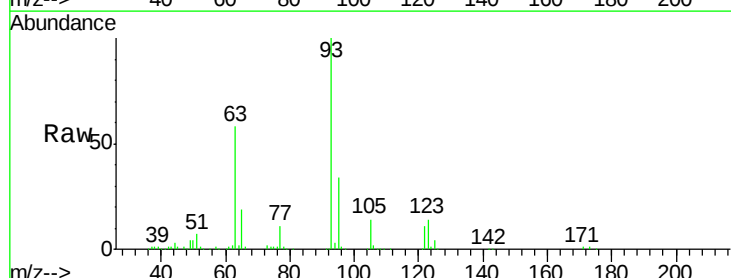
Tgt Ion: 93 Resp: 704549

Ion Ratio Lower Upper

93 100

95 33.5 25.8 38.6

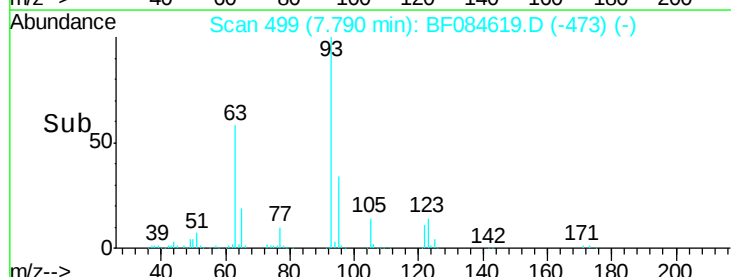
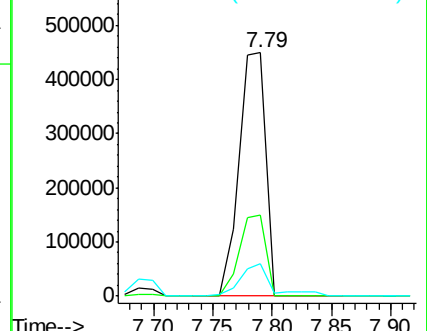
123 13.6 8.6 12.8#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.18 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampleId :

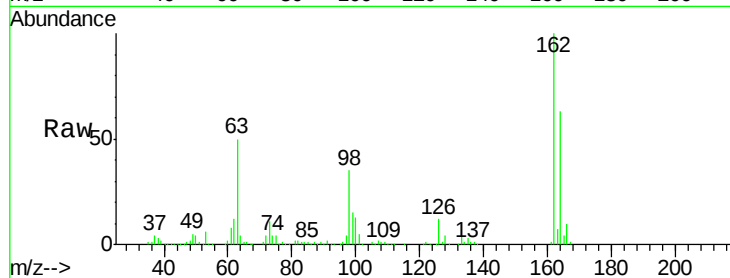
Tot Ion:162 Resp: 527617

Ion Ratio Lower Upper

162 100

164 63.2 44.1 84.1

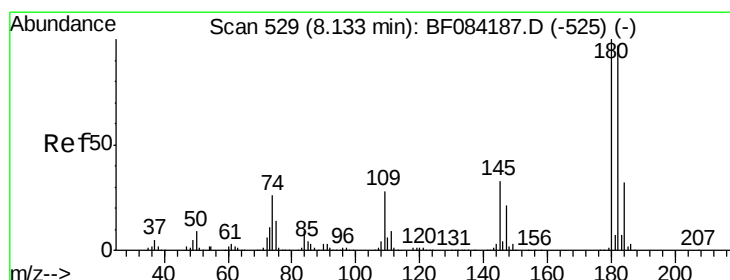
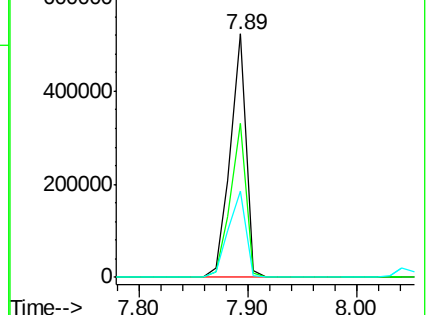
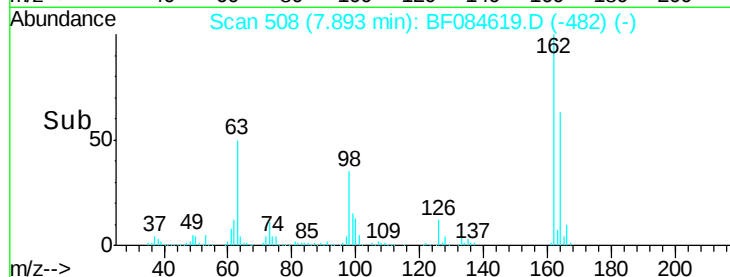
98 35.3 20.2 60.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 42.35 ng

RT: 7.97 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

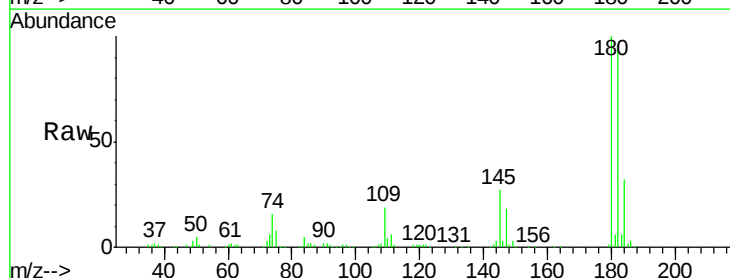
Tgt Ion:180 Resp: 510599

Ion Ratio Lower Upper

180 100

182 96.2 76.4 114.6

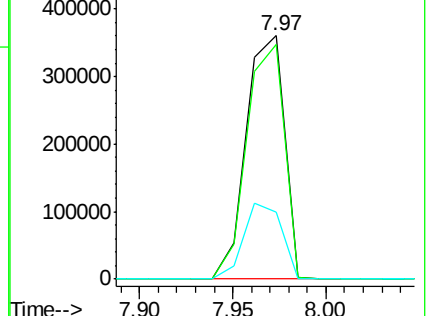
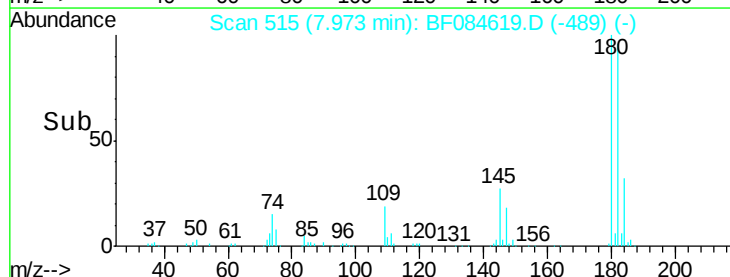
145 27.3 31.6 47.4#

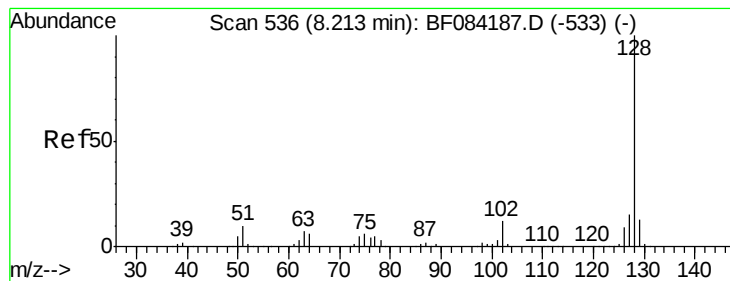


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.29 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampleId :

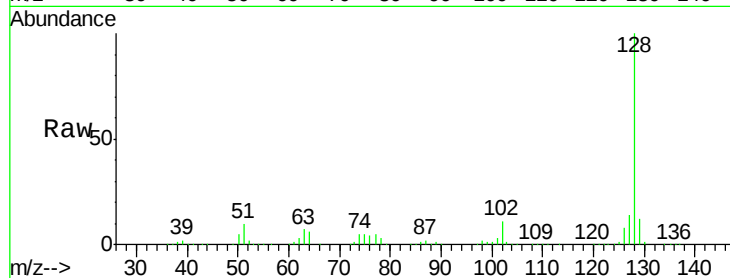
Tot Ion:128 Resp: 1564202

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

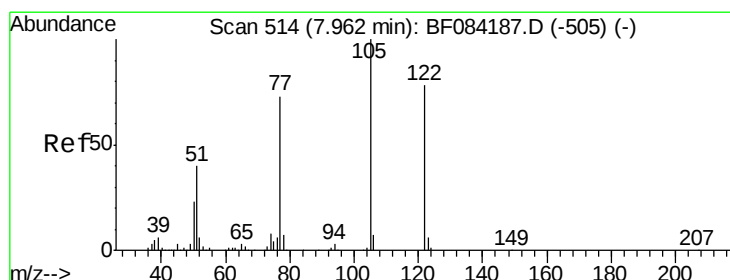
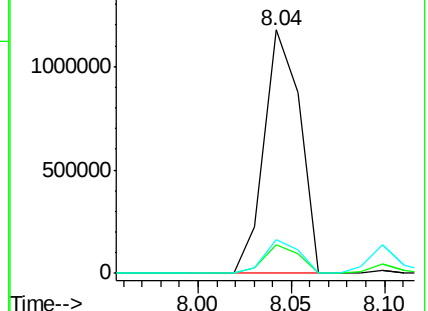
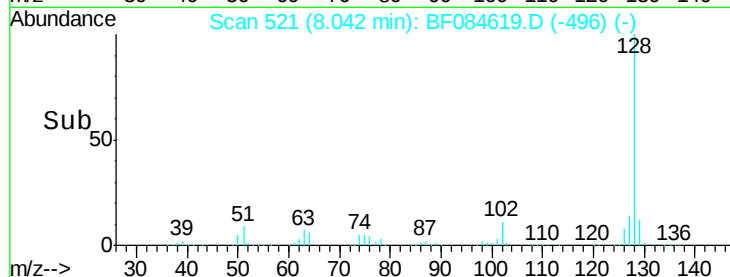
127 13.8 11.1 16.7



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: 43.19 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

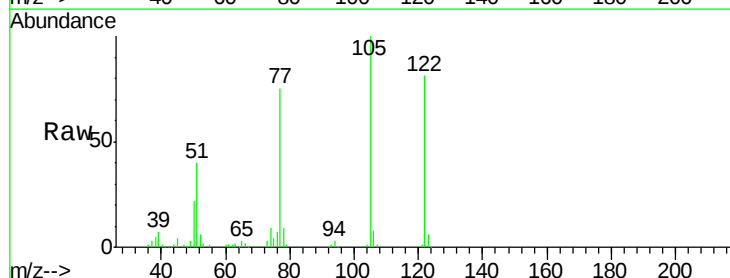
Tgt Ion:122 Resp: 383008

Ion Ratio Lower Upper

122 100

105 123.0 100.3 140.3

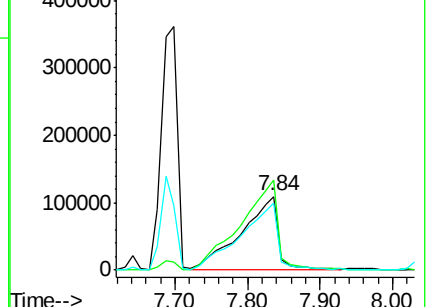
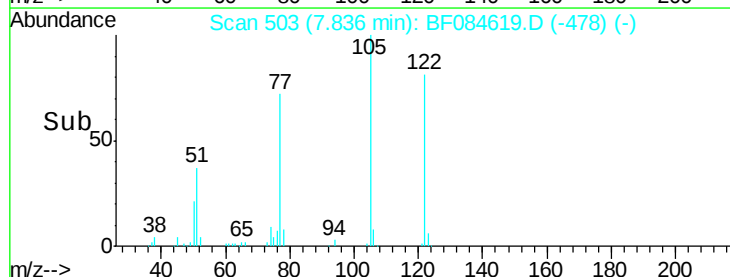
77 91.7 63.5 103.5

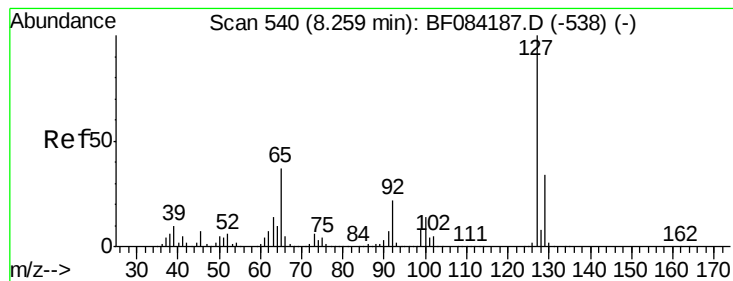


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 9.64 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 167414

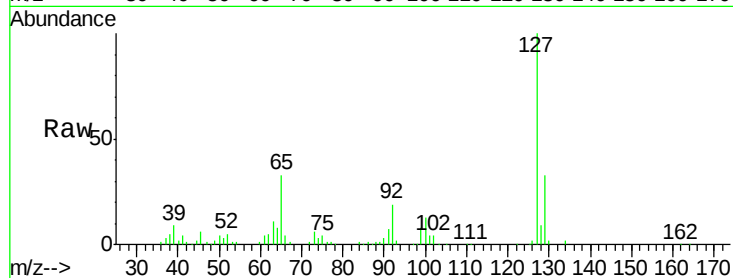
Ion Ratio Lower Upper

127 100

129 32.8 26.5 39.7

65 33.0 27.2 40.8

92 19.3 17.7 26.5

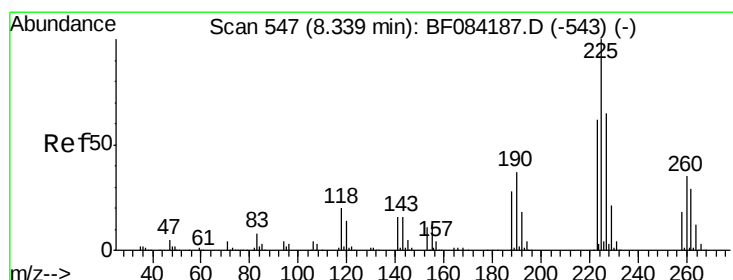
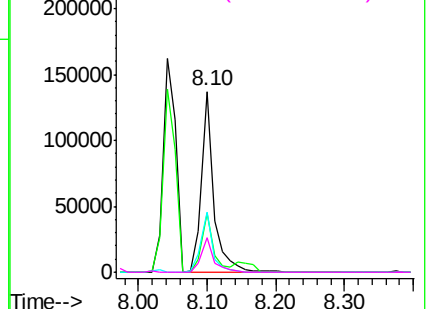
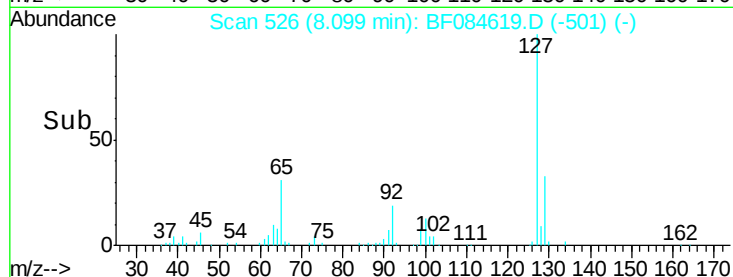


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 42.01 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

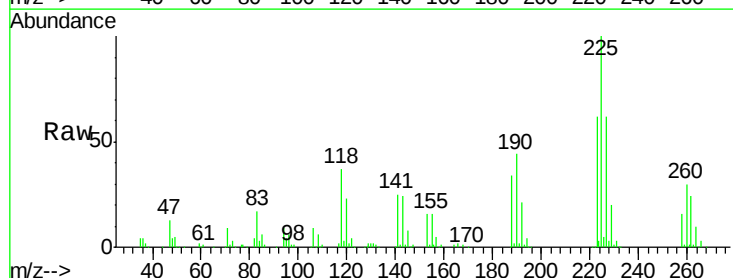
Tgt Ion:225 Resp: 291108

Ion Ratio Lower Upper

225 100

223 62.2 49.4 74.0

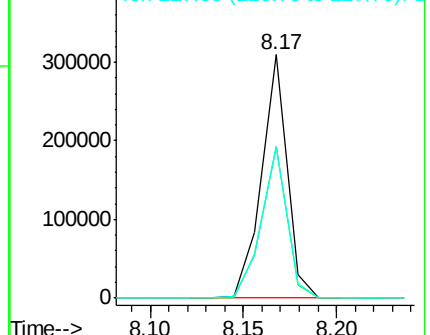
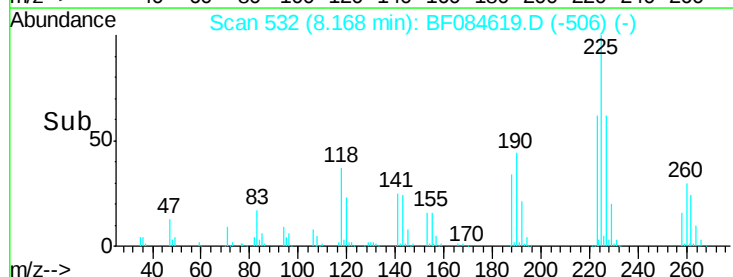
227 62.1 50.8 76.2

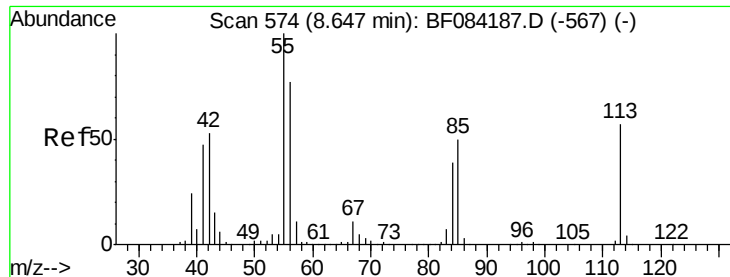


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

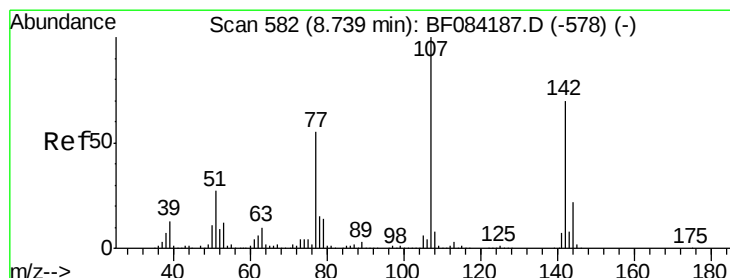
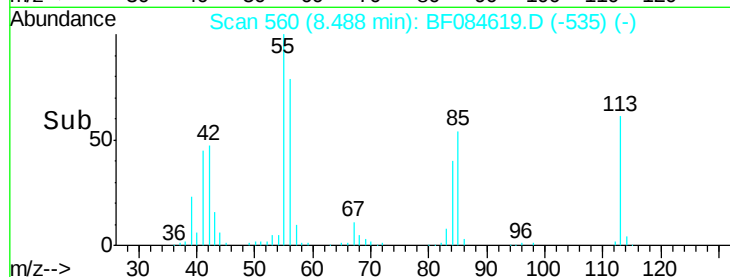
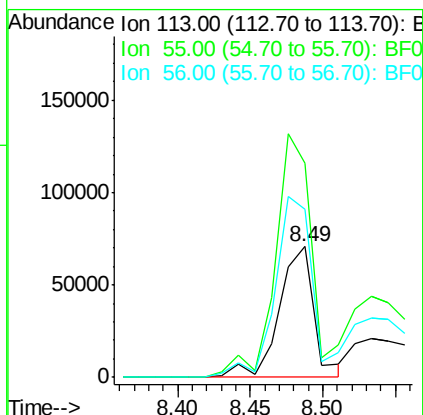
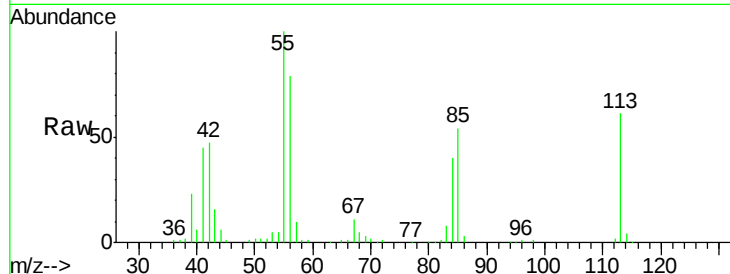




#35
Caprolactam
Concen: 30.00 ng
RT: 8.49 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

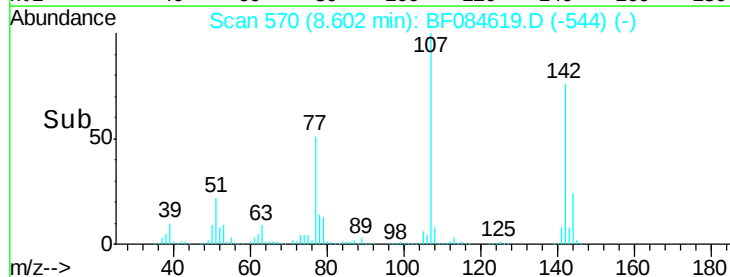
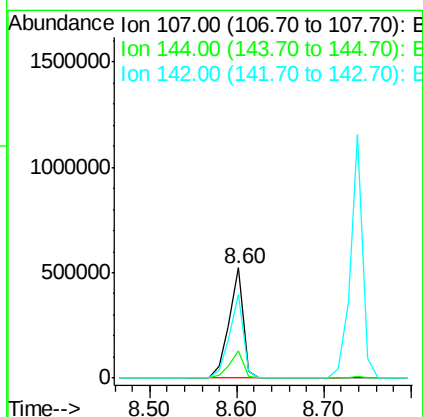
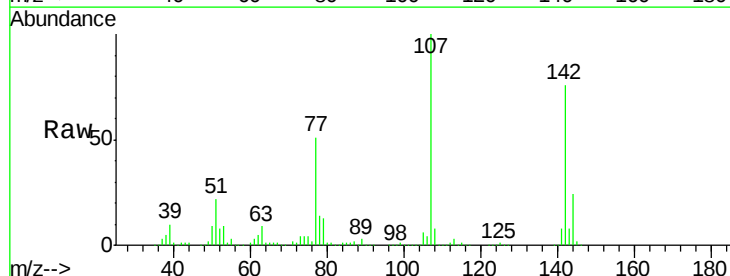
Instrument :
BNA_F
ClientSampled :

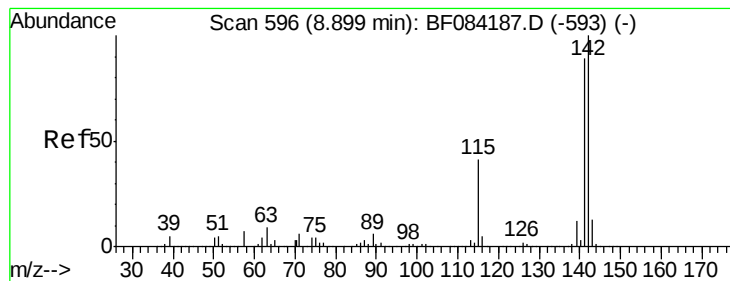
Tot Ion:113 Resp: 118098
Ion Ratio Lower Upper
113 100
55 163.8 116.9 156.9#
56 128.9 93.8 133.8



#36
4-Chloro-3-methylphenol
Concen: 45.70 ng
RT: 8.60 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Tgt Ion:107 Resp: 597835
Ion Ratio Lower Upper
107 100
144 24.5 19.7 29.5
142 76.0 61.8 92.6





#37

2-Methylnaphthalene

Concen: 41.74 ng

RT: 8.74 min Scan# 582

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampleId :

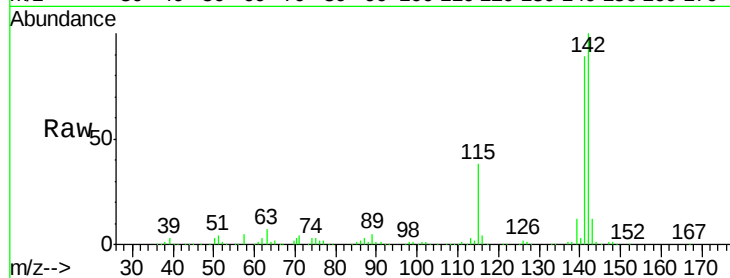
Tot Ion:142 Resp: 1135209

Ion Ratio Lower Upper

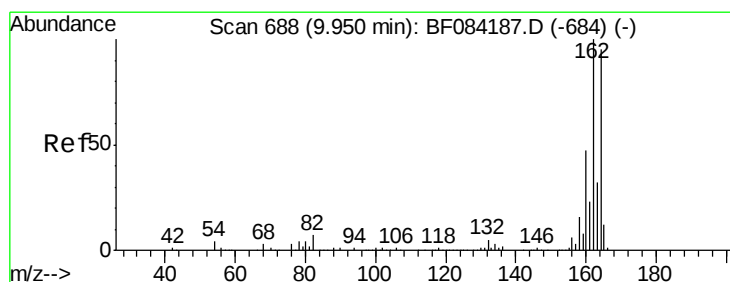
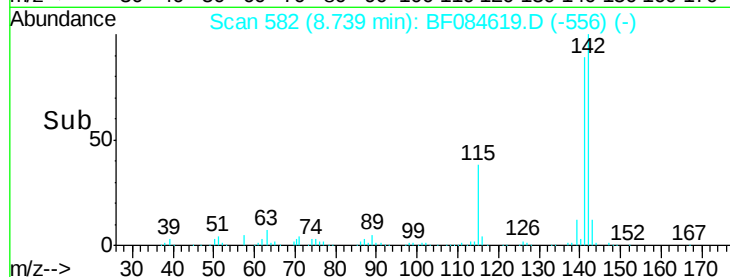
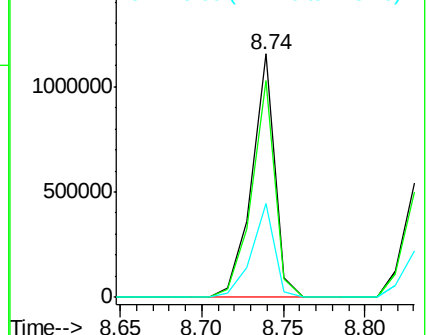
142 100

141 88.8 72.4 108.6

115 38.3 27.9 41.9



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# 673

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

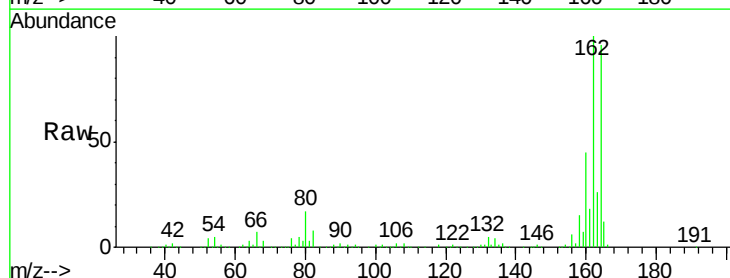
Tgt Ion:164 Resp: 426348

Ion Ratio Lower Upper

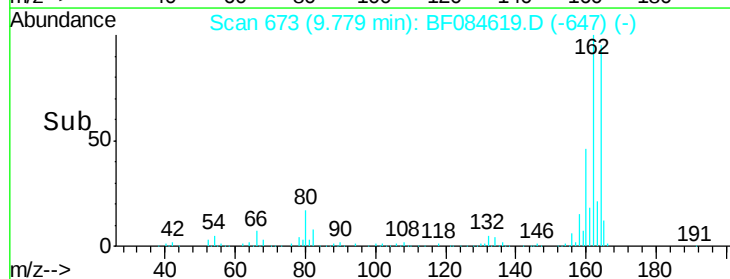
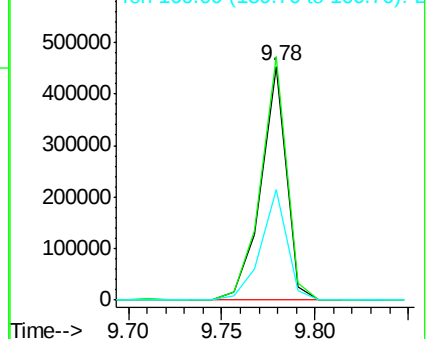
164 100

162 104.3 85.1 127.7

160 47.4 37.5 56.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.23 ng

RT: 8.91 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 493061

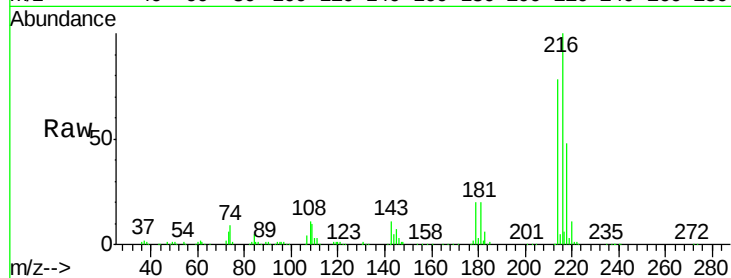
Ion Ratio Lower Upper

216 100

214 78.7 64.2 96.2

179 22.5 18.7 28.1

108 21.4 16.8 25.2

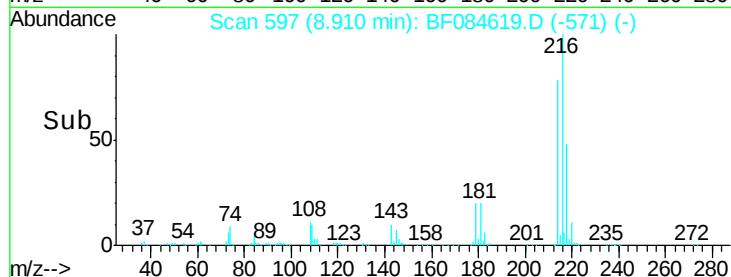


Abundance Ion 216.00 (215.70 to 216.70): E

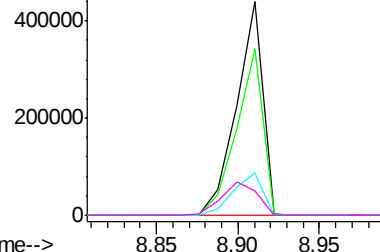
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 72.65 ng

RT: 8.90 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

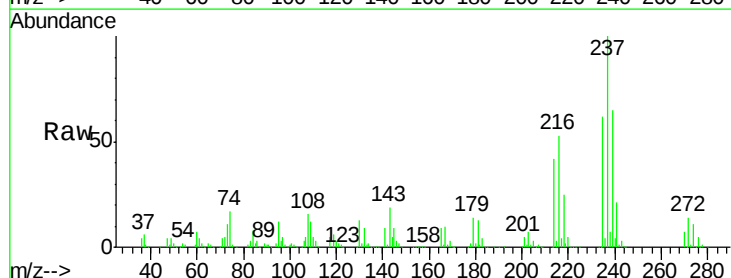
Tgt Ion:237 Resp: 537581

Ion Ratio Lower Upper

237 100

235 61.7 43.1 83.1

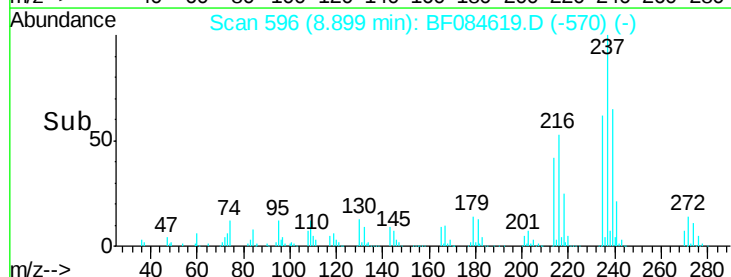
272 13.9 0.0 35.1



Abundance Ion 236.80 (236.50 to 237.50): E

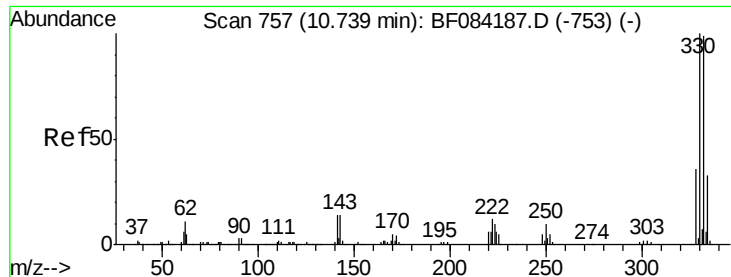
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

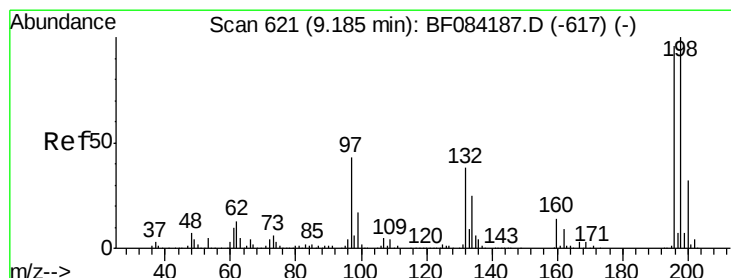
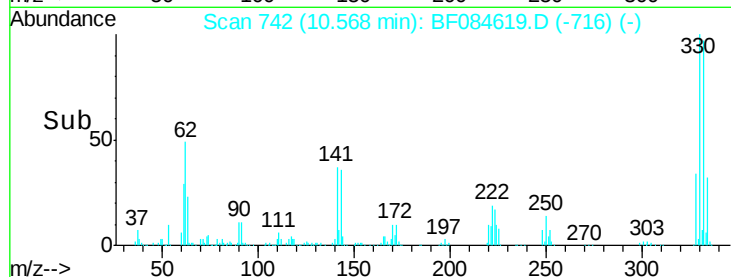
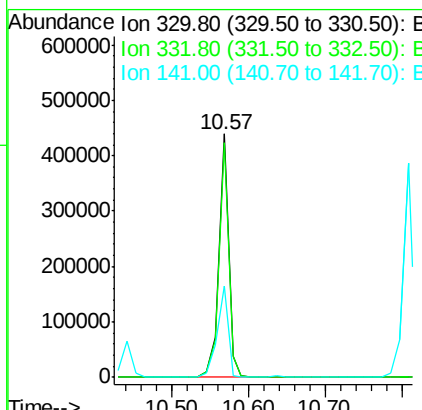
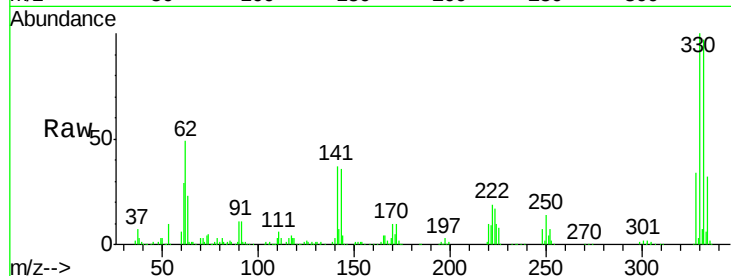




#41
 2,4,6-Tribromophenol
 Concen: 90.36 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF084619.D
 Acq: 27 Jan 2016 14:15

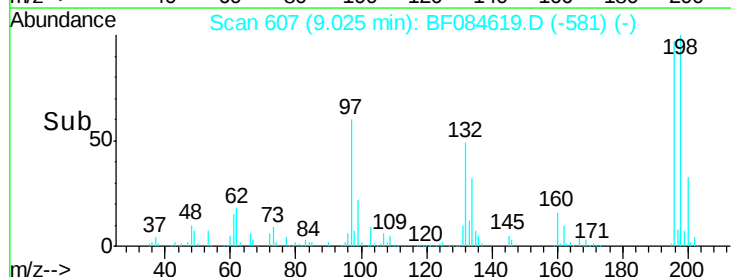
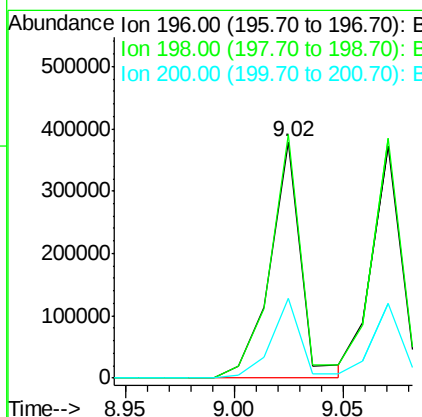
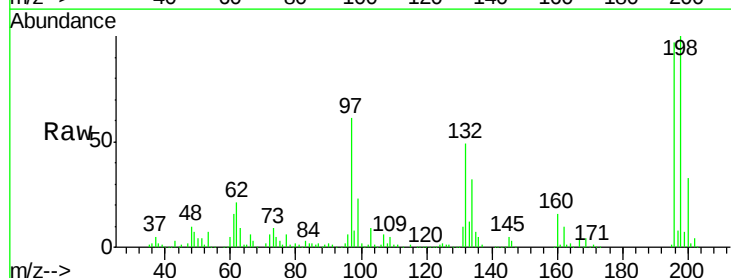
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 388951
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 41.6 27.8 41.6



#42
 2,4,6-Trichlorophenol
 Concen: 41.27 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF084619.D
 Acq: 27 Jan 2016 14:15

Tgt Ion:196 Resp: 378481
 Ion Ratio Lower Upper
 196 100
 198 103.2 77.7 116.5
 200 33.7 24.6 37.0

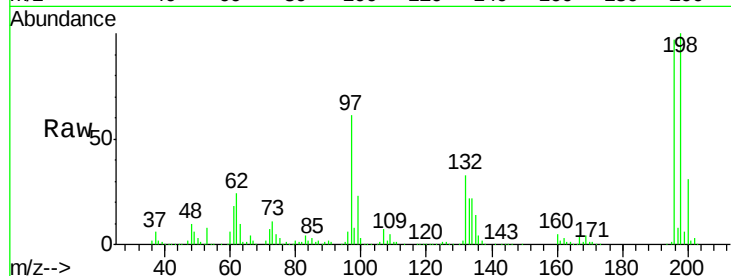




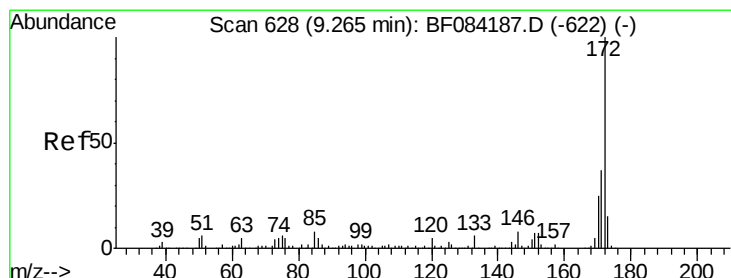
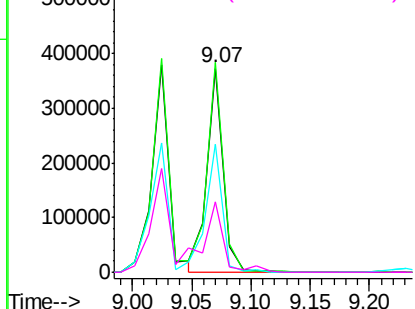
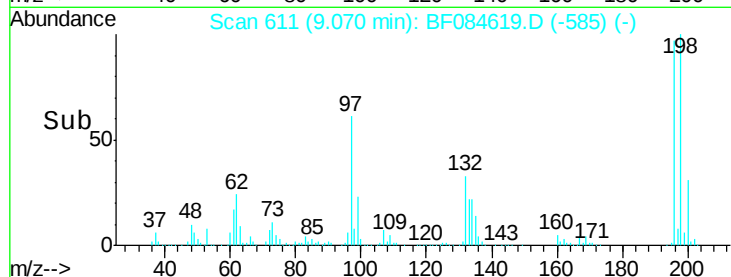
#43
 2,4,5-Trichlorophenol
 Concen: 40.23 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF084619.D
 Acq: 27 Jan 2016 14:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 353633
 Ion Ratio Lower Upper
 196 100
 198 102.8 79.0 118.6
 97 62.7 33.0 49.6#
 132 34.4 21.1 31.7#

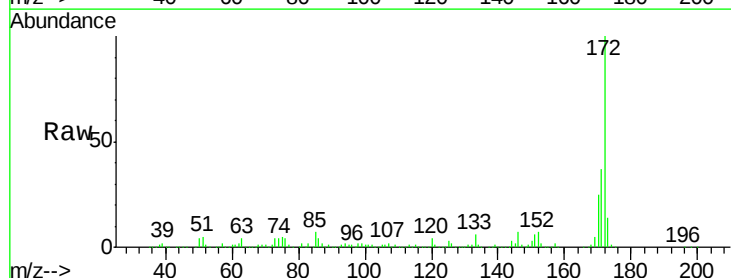


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

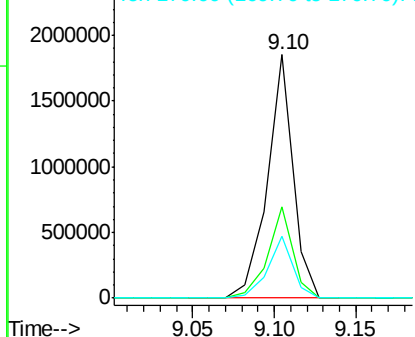
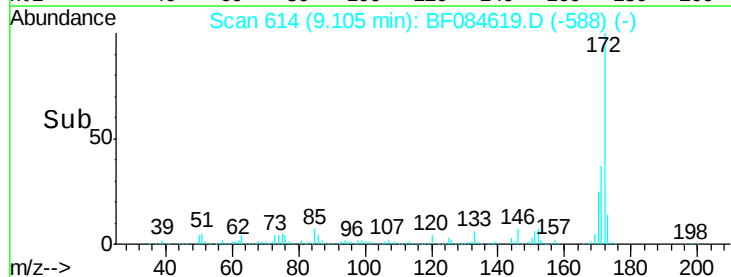


#44
 2-Fluorobiphenyl
 Concen: 83.92 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF084619.D
 Acq: 27 Jan 2016 14:15

Tgt Ion:172 Resp: 2035818
 Ion Ratio Lower Upper
 172 100
 171 37.4 28.9 43.3
 170 25.4 18.6 27.8



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: 43.59 ng

RT: 9.21 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampleId :

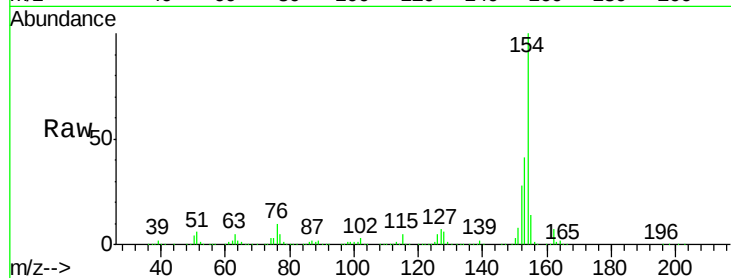
Tot Ion:154 Resp: 1477139

Ion Ratio Lower Upper

154 100

153 41.3 21.6 61.6

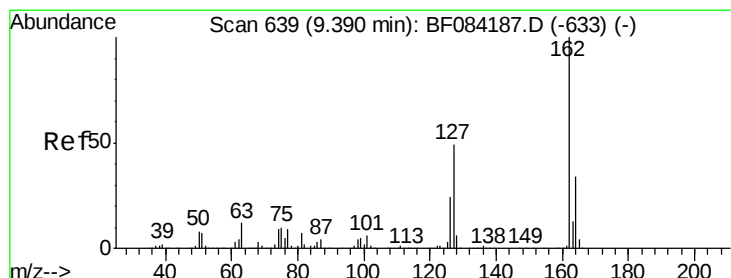
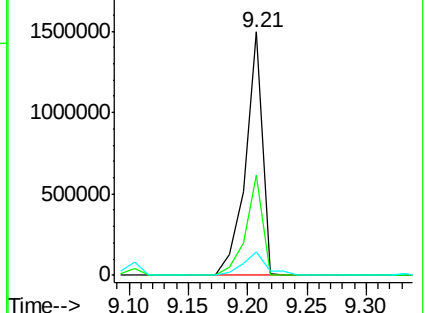
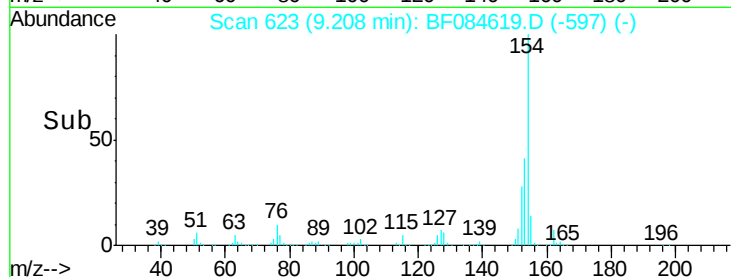
76 9.7 0.0 32.7



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: 41.31 ng

RT: 9.23 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

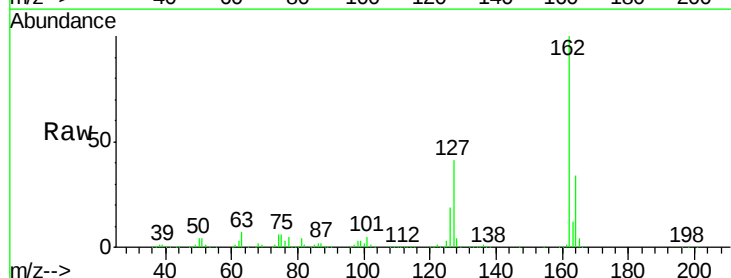
Tgt Ion:162 Resp: 1099632

Ion Ratio Lower Upper

162 100

127 41.1 40.2 60.4

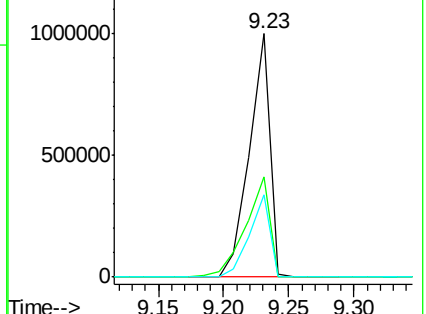
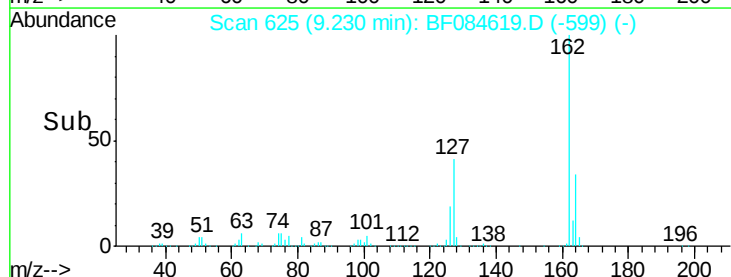
164 33.8 25.7 38.5

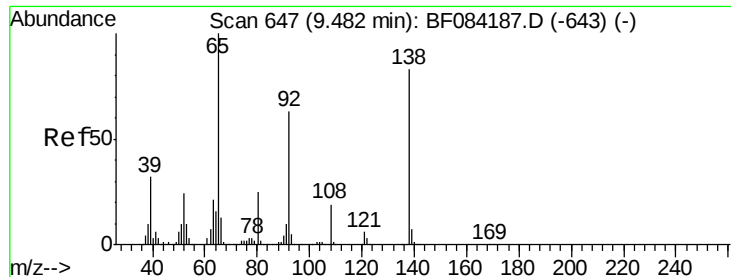


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.13 ng

RT: 9.33 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampleId :

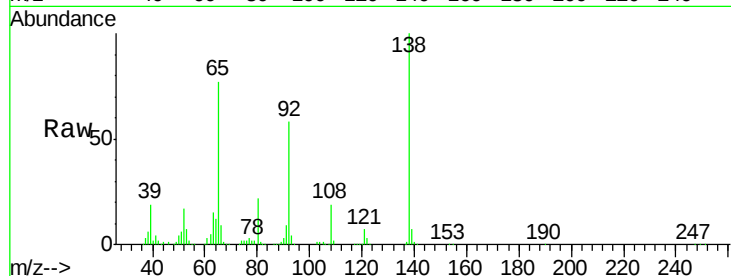
Tot Ion: 65 Resp: 396478

Ion Ratio Lower Upper

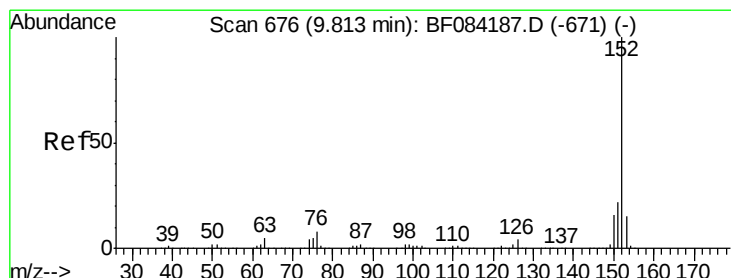
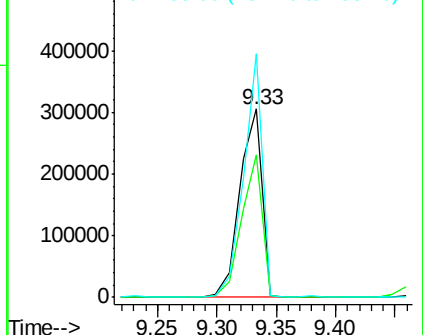
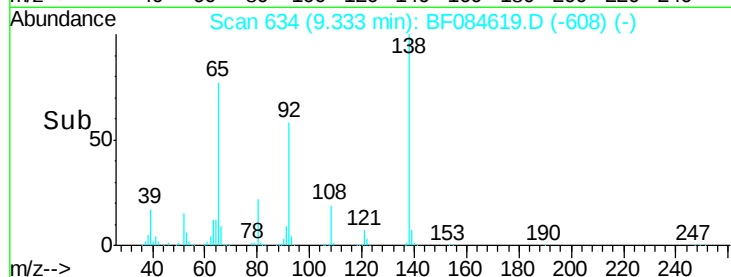
65 100

92 75.6 53.4 80.2

138 129.4 71.1 106.7#



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): BF0



#48

Acenaphthylene

Concen: 42.82 ng

RT: 9.64 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

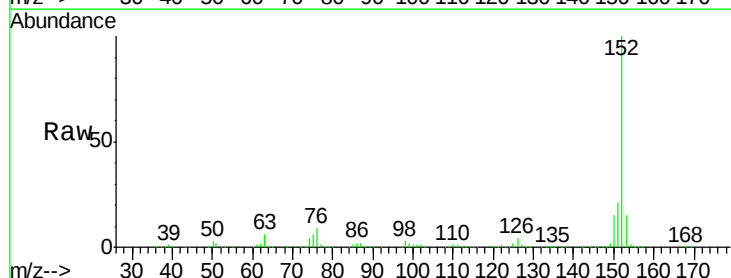
Tgt Ion: 152 Resp: 1683674

Ion Ratio Lower Upper

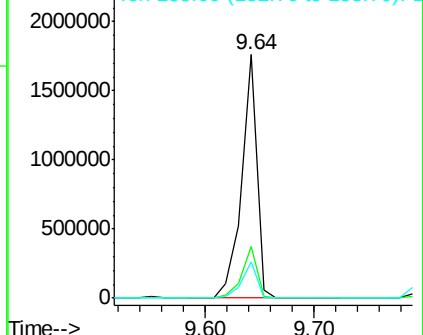
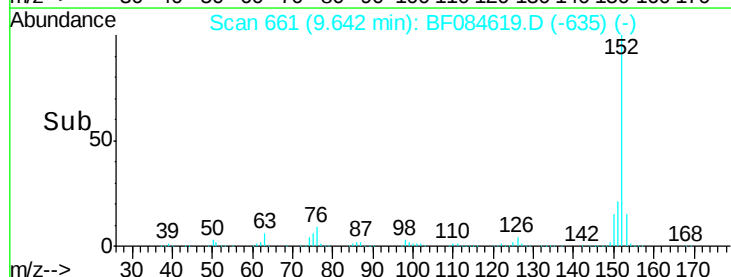
152 100

151 21.1 16.3 24.5

153 14.9 10.4 15.6



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

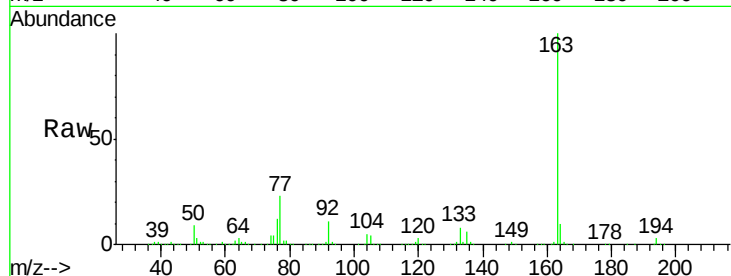




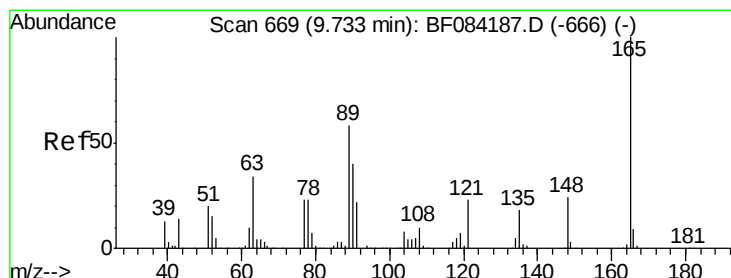
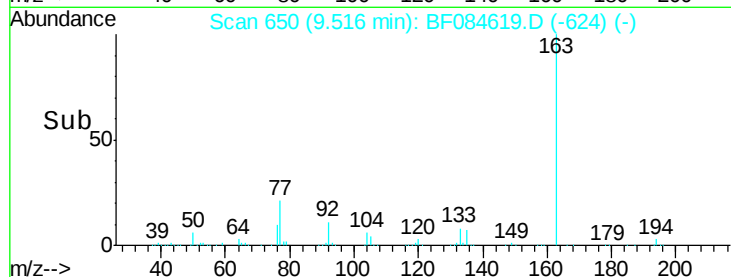
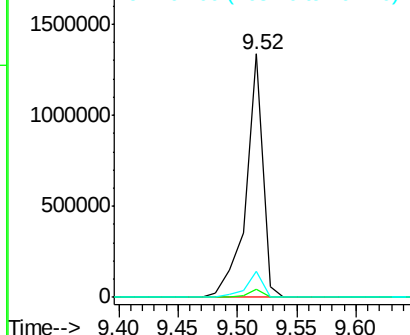
#49
Dimethylphthalate
Concen: 43.28 ng
RT: 9.52 min Scan# 650
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1319027
Ion Ratio Lower Upper
163 100
194 3.3 8.0 12.0#
164 10.5 8.0 12.0

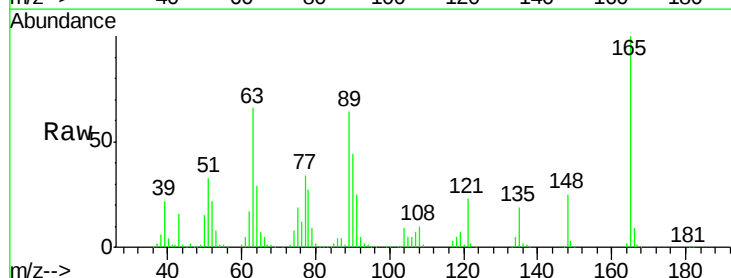


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

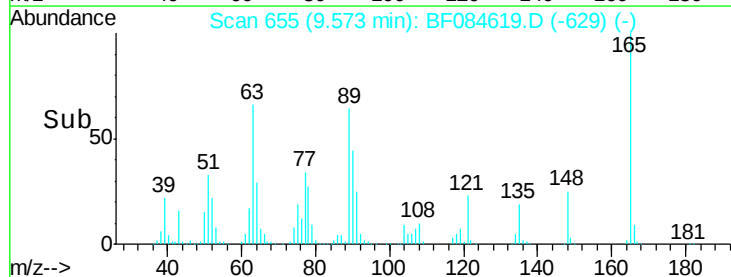
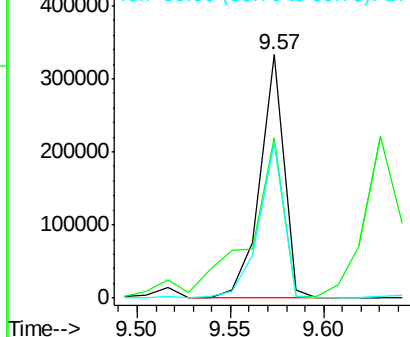


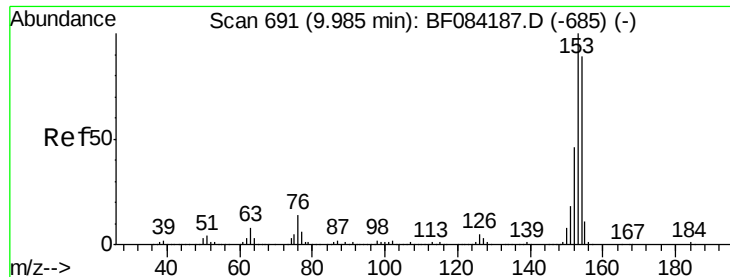
#50
2,6-Dinitrotoluene
Concen: 44.25 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Tgt Ion:165 Resp: 295825
Ion Ratio Lower Upper
165 100
63 66.1 28.8 43.2#
89 63.8 35.1 52.7#



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: 41.58 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampleId :

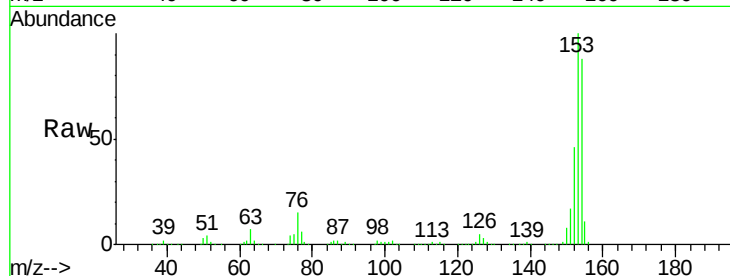
Tot Ion:154 Resp: 1096785

Ion Ratio Lower Upper

154 100

153 113.1 91.5 137.3

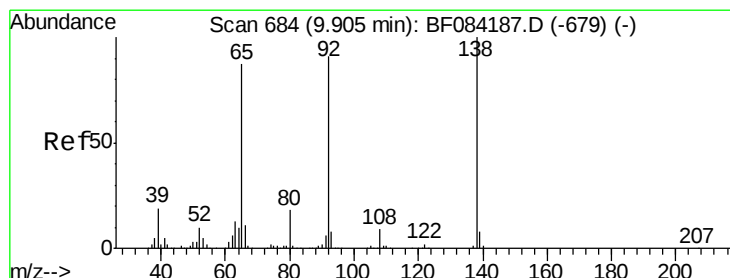
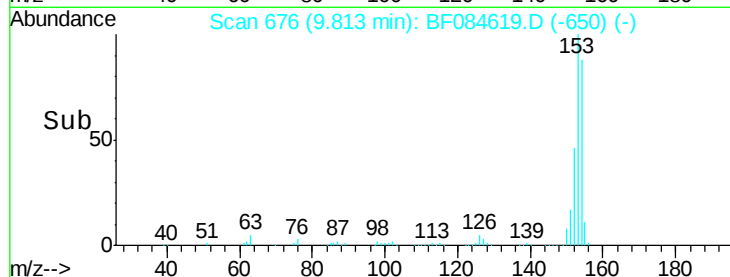
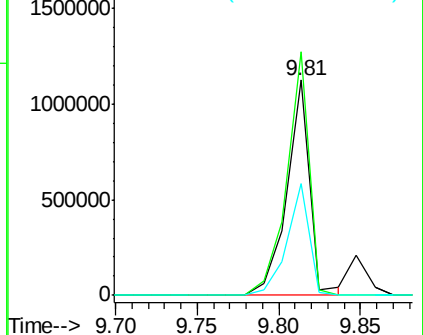
152 51.6 43.0 64.6



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: 16.38 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

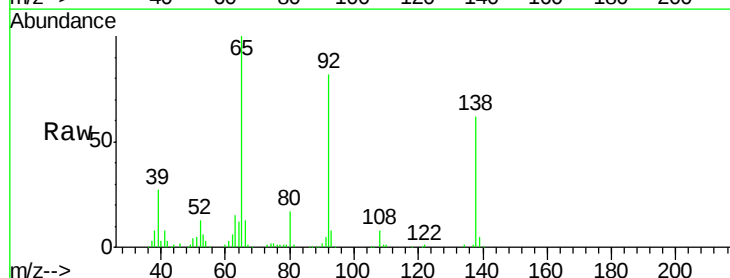
Tgt Ion:138 Resp: 135724

Ion Ratio Lower Upper

138 100

108 12.8 10.5 15.7

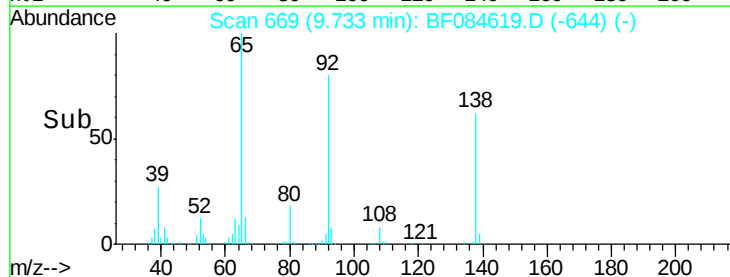
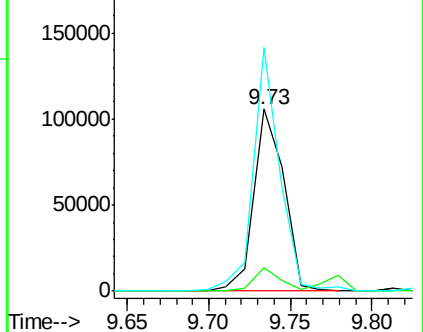
92 133.9 103.9 155.9



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

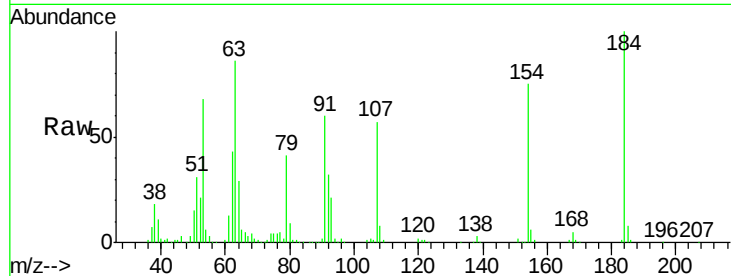




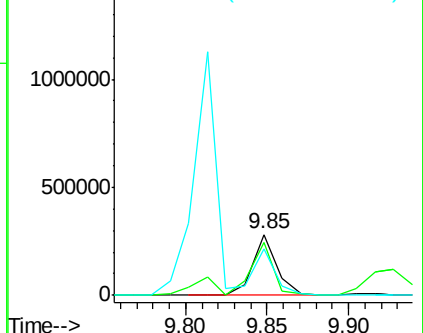
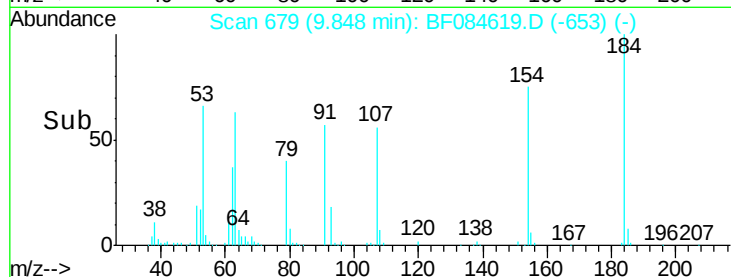
#53
2,4-Dinitrophenol
Concen: 101.91 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 293096
Ion Ratio Lower Upper
184 100
63 85.9 43.1 64.7#
154 75.1 60.5 90.7

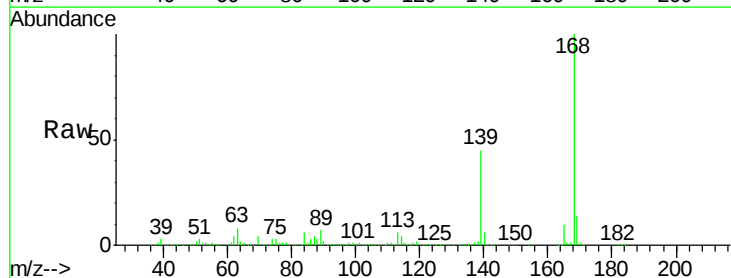


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

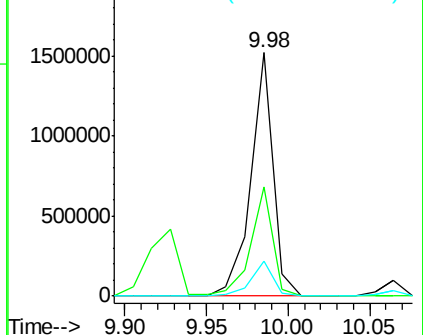
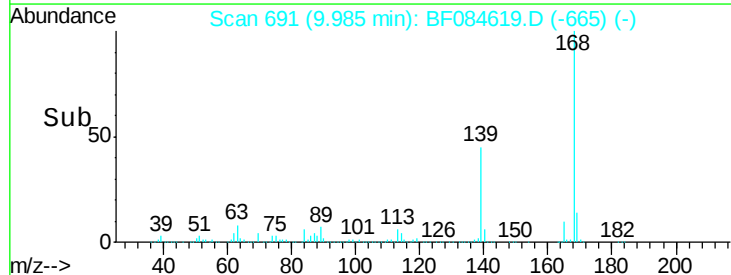


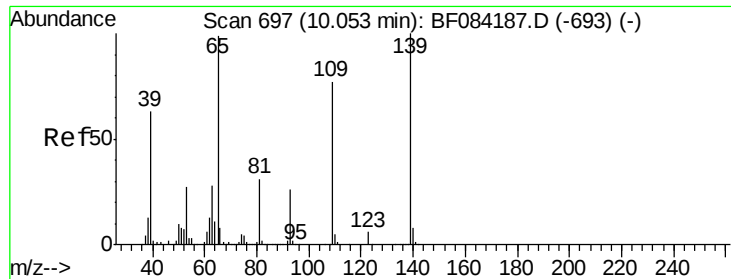
#54
Dibenzofuran
Concen: 41.79 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Tgt Ion:168 Resp: 1434761
Ion Ratio Lower Upper
168 100
139 44.8 30.5 45.7
169 14.5 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

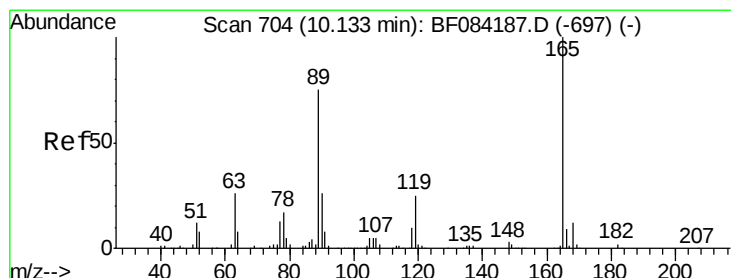
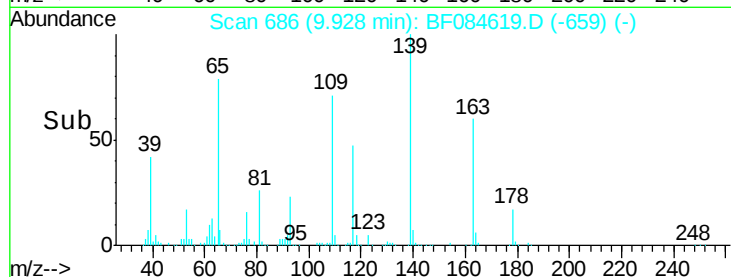
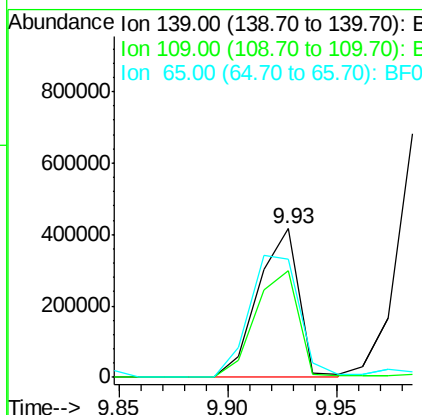
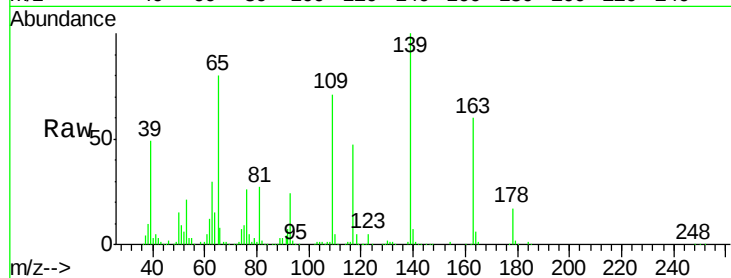




#55
4-Nitrophenol
Concen: 90.99 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.01 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

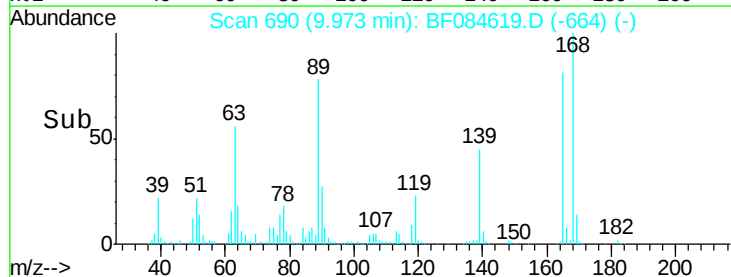
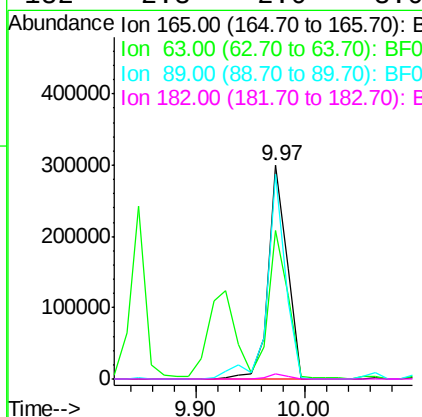
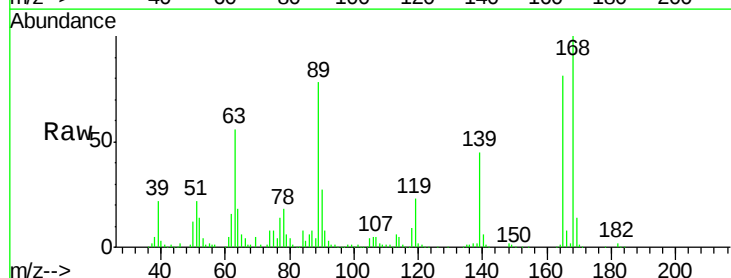
Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 547111
Ion Ratio Lower Upper
139 100
109 71.4 58.5 98.5
65 79.8 57.6 97.6



#56
2,4-Dinitrotoluene
Concen: 42.78 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Tgt Ion:165 Resp: 361933
Ion Ratio Lower Upper
165 100
63 69.3 36.7 55.1#
89 95.7 61.9 92.9#
182 2.3 2.0 3.0





#57

Fluorene

Concen: 46.16 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampleId :

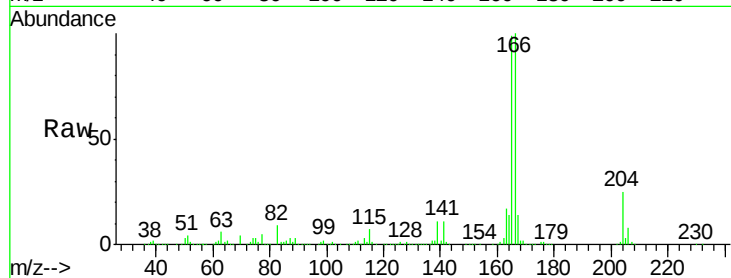
Tot Ion:166 Resp: 1217773

Ion Ratio Lower Upper

166 100

165 98.9 79.1 118.7

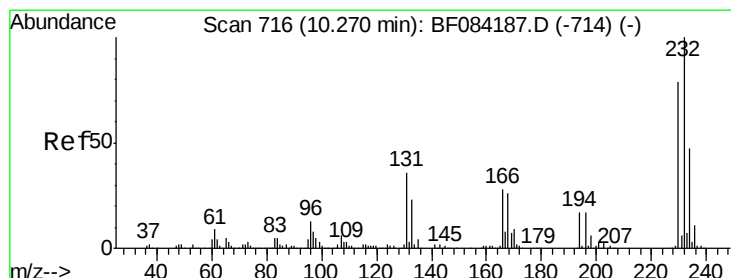
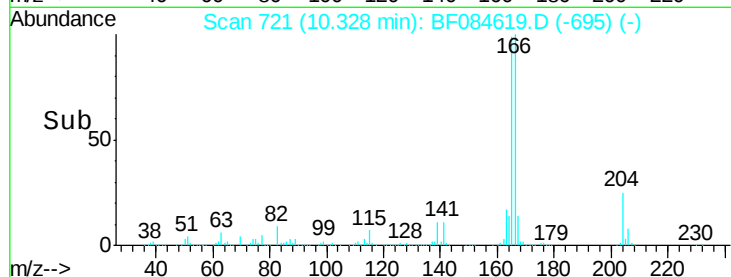
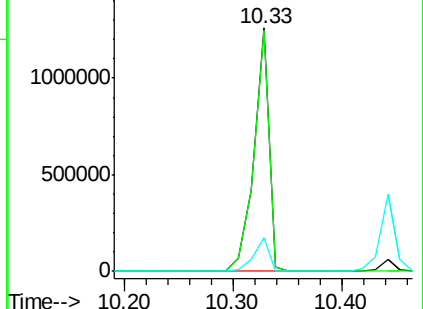
167 14.1 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.12 ng

RT: 10.11 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Tgt Ion:232 Resp: 338678

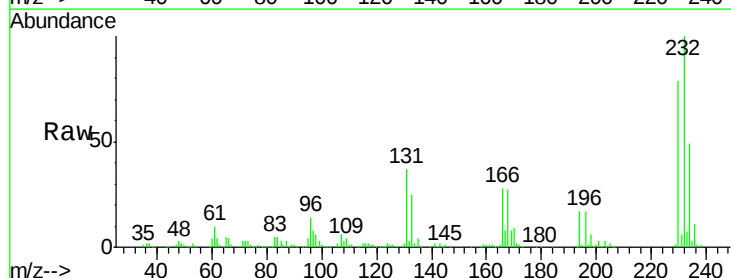
Ion Ratio Lower Upper

232 100

131 47.9 47.0 70.6

130 2.3 2.0 3.0

166 31.2 30.5 45.7

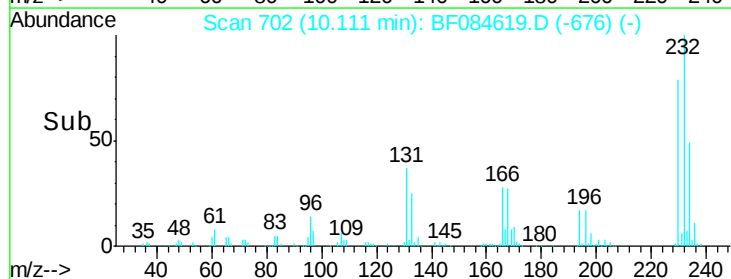
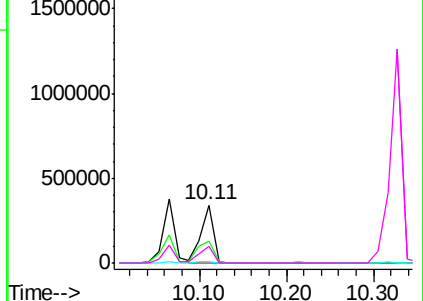


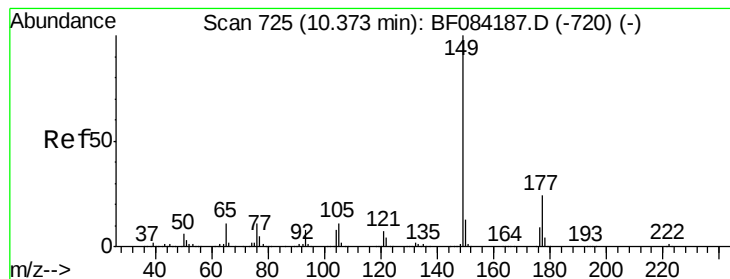
Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.31 ng

RT: 10.21 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampleId :

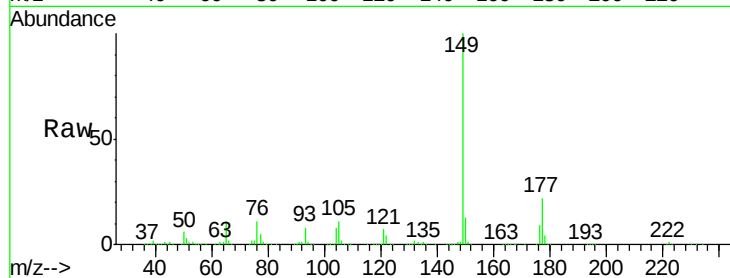
Tot Ion:149 Resp: 1301649

Ion Ratio Lower Upper

149 100

177 22.2 17.3 25.9

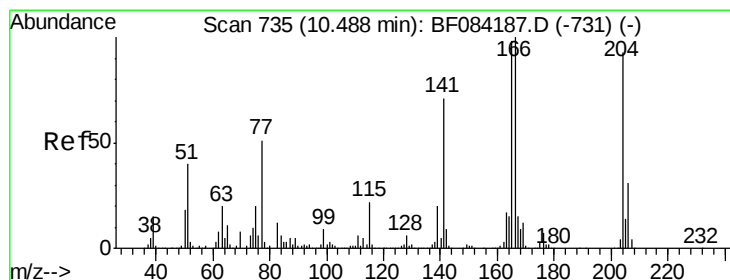
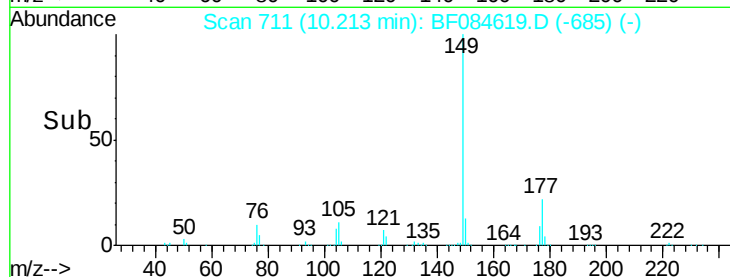
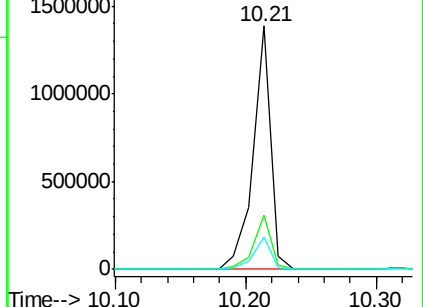
150 13.3 9.8 14.8



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: 46.78 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

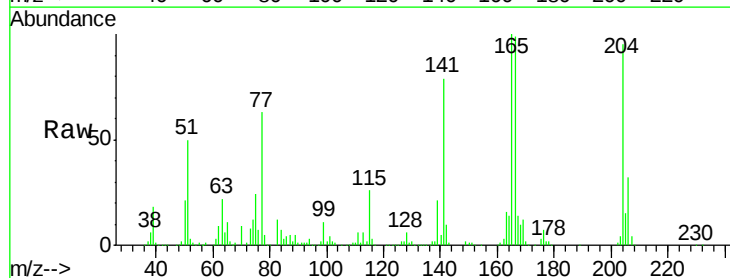
Tgt Ion:204 Resp: 517924

Ion Ratio Lower Upper

204 100

206 33.1 25.7 38.5

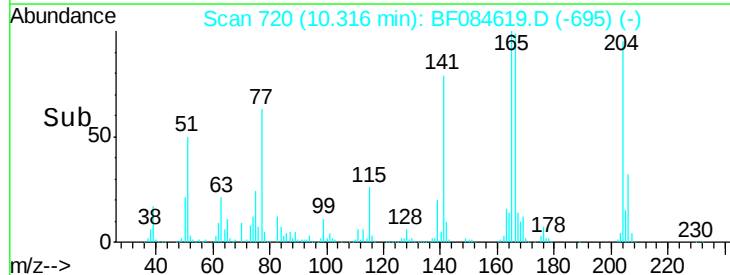
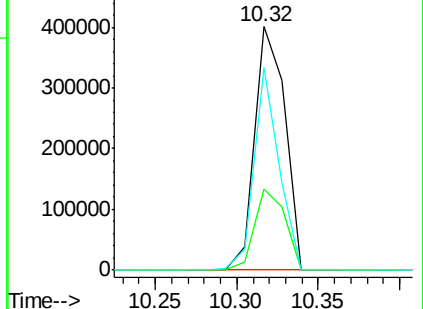
141 83.3 55.1 82.7#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

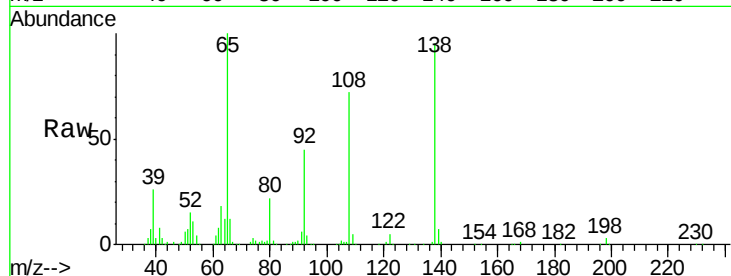




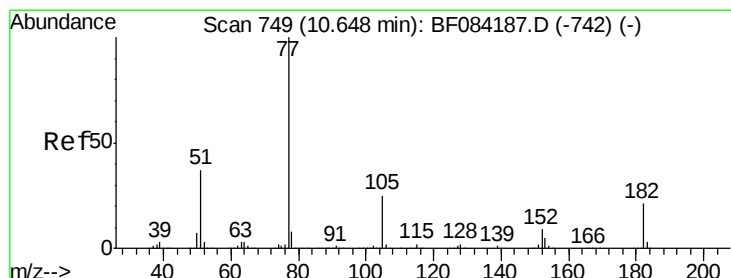
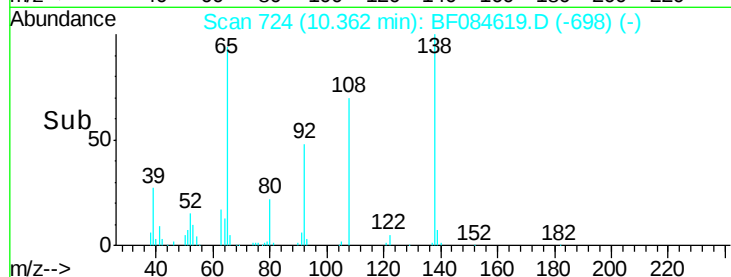
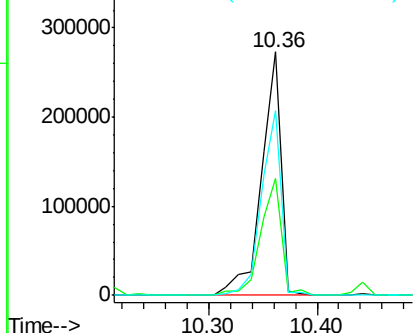
#61
4-Nitroaniline
Concen: 46.75 ng
RT: 10.36 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 345177
Ion Ratio Lower Upper
138 100
92 48.0 32.6 72.6
108 75.8 68.6 108.6

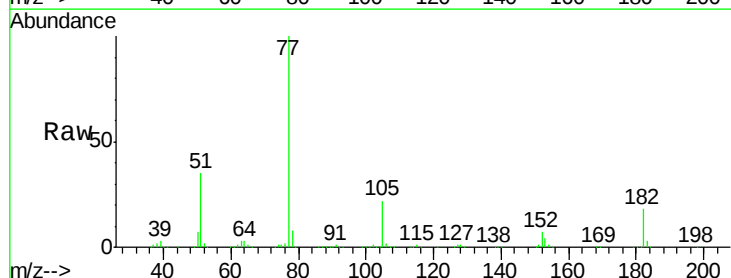


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

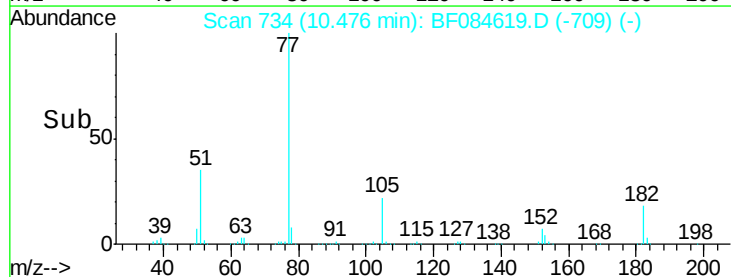
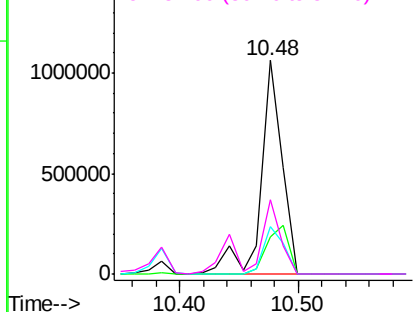


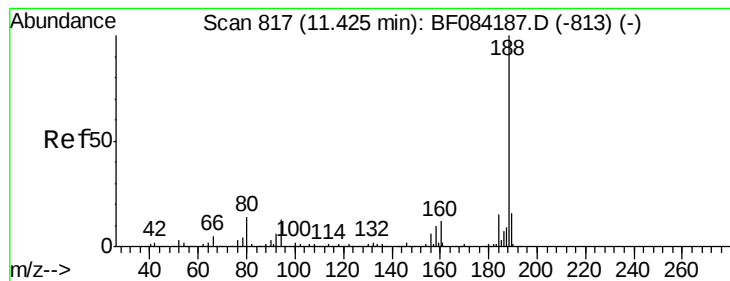
#62
Azobenzene
Concen: 40.21 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Tgt Ion: 77 Resp: 1325238
Ion Ratio Lower Upper
77 100
182 17.6 8.3 48.3
105 22.4 4.6 44.6
51 34.8 6.2 46.2



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: 11.25 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampleId :

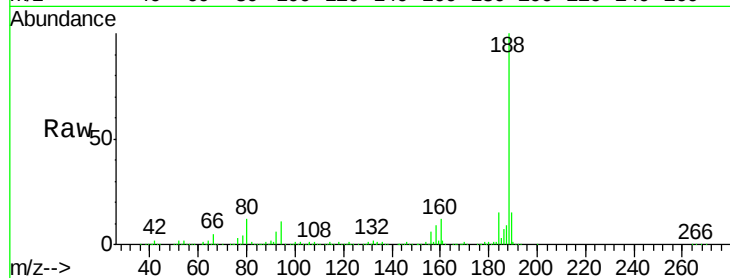
Tot Ion:188 Resp: 805463

Ion Ratio Lower Upper

188 100

94 10.7 9.0 13.4

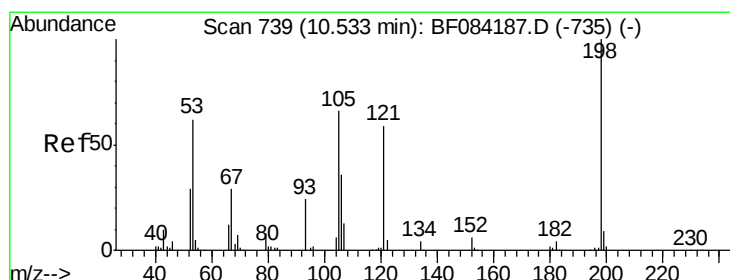
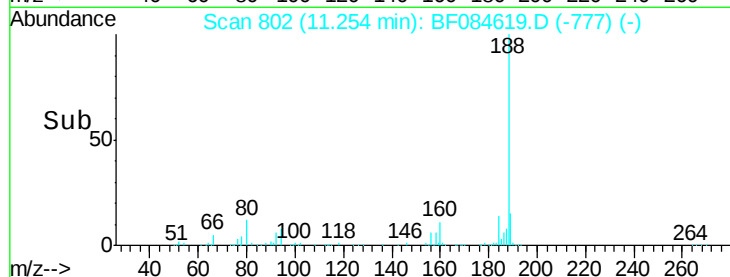
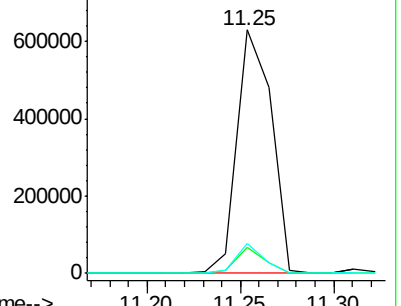
80 12.2 9.6 14.4



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: 48.51 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

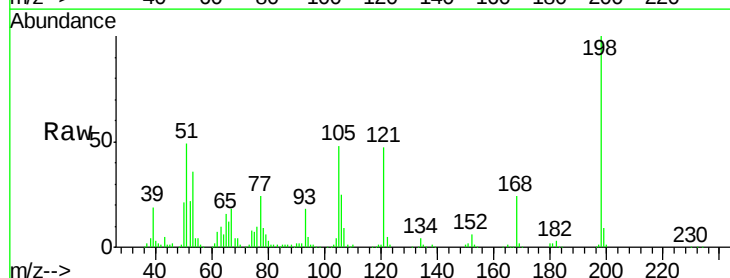
Tgt Ion:198 Resp: 236422

Ion Ratio Lower Upper

198 100

51 48.5 18.9 58.9

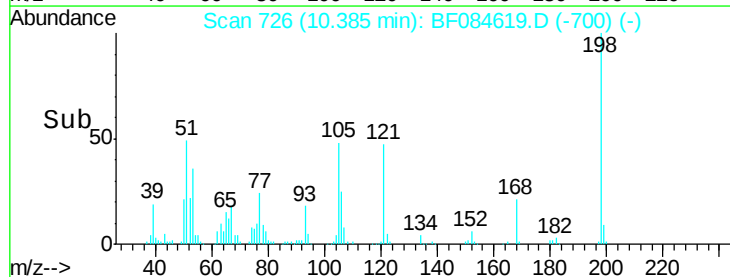
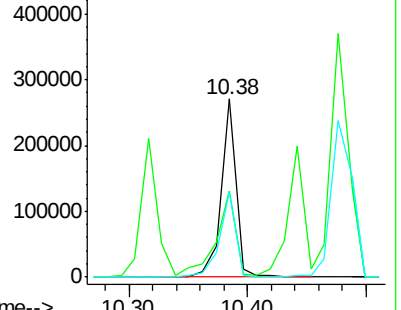
105 47.6 26.4 66.4

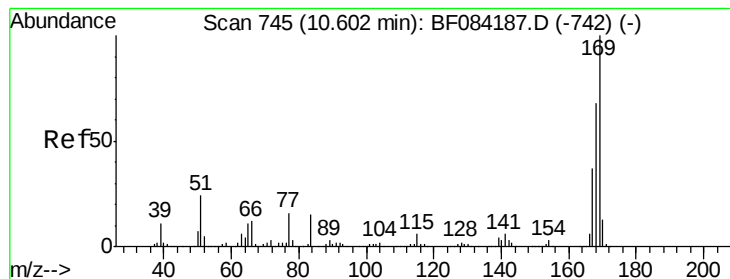


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.09 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampleId :

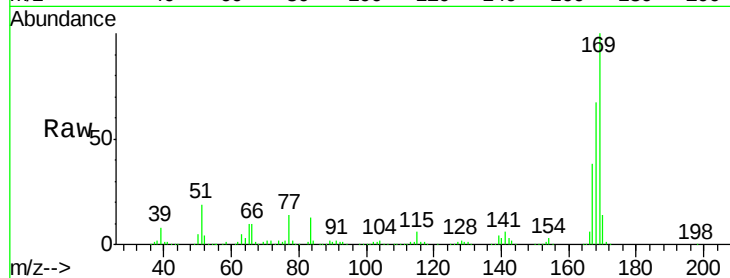
Tot Ion:169 Resp: 1006574

Ion Ratio Lower Upper

169 100

168 67.3 55.1 82.7

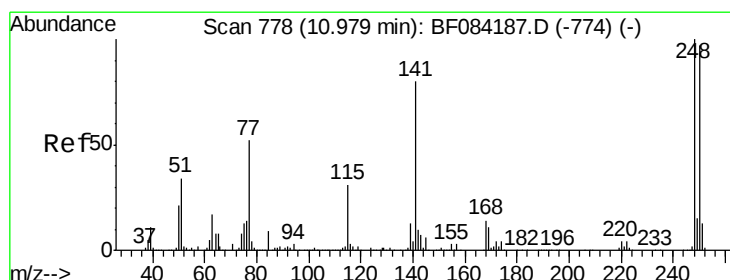
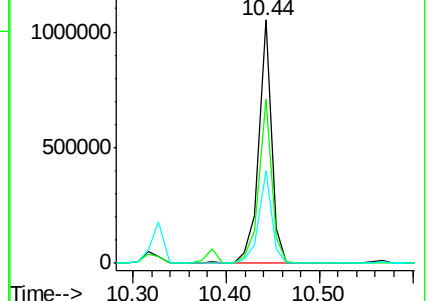
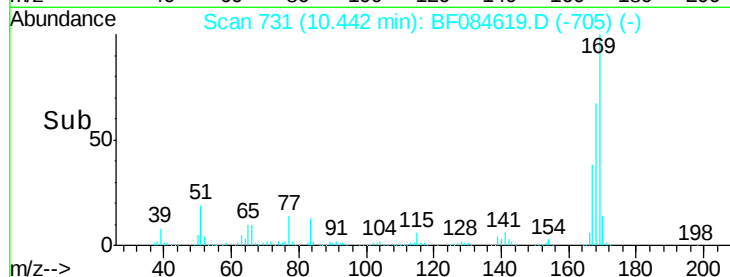
167 38.2 30.0 45.0



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: 40.29 ng

RT: 10.81 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

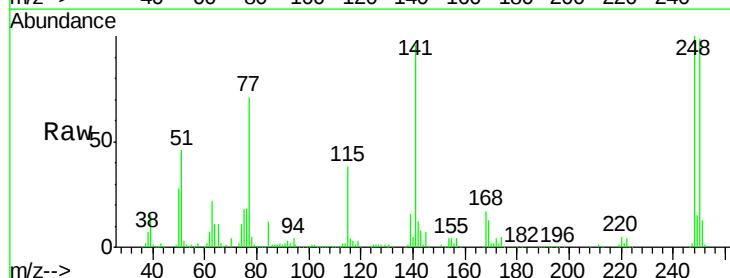
Tgt Ion:248 Resp: 349289

Ion Ratio Lower Upper

248 100

250 98.8 78.4 117.6

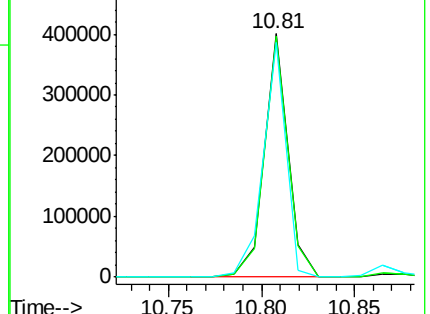
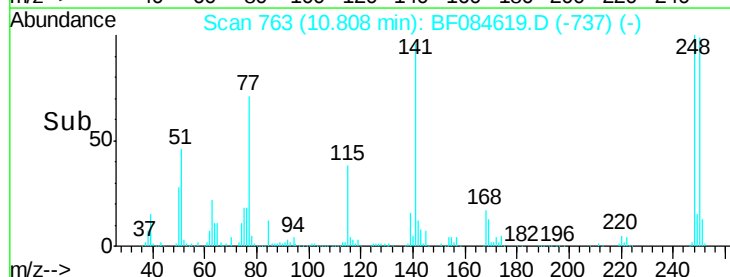
141 96.2 44.0 66.0#

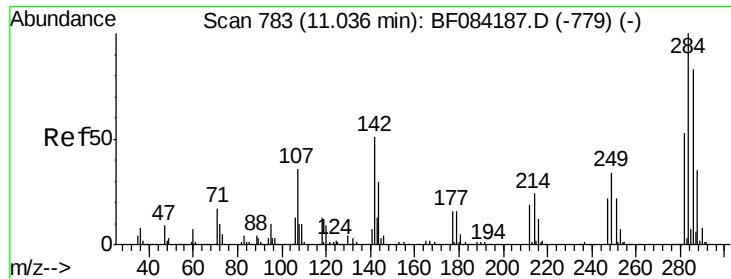


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

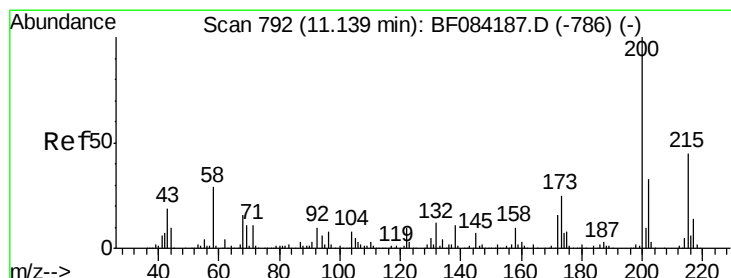
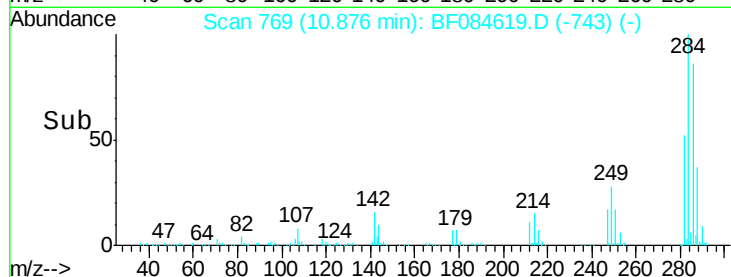
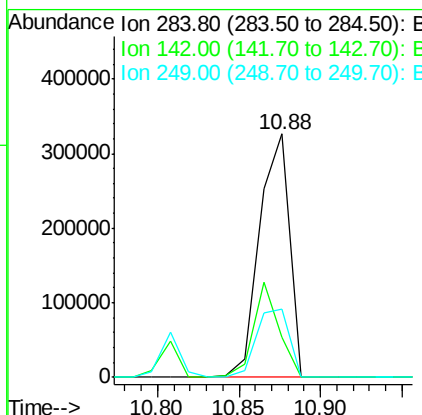
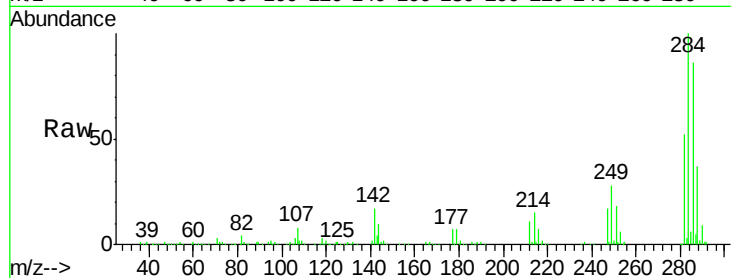




#67
Hexachlorobenzene
Concen: 42.64 ng
RT: 10.88 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

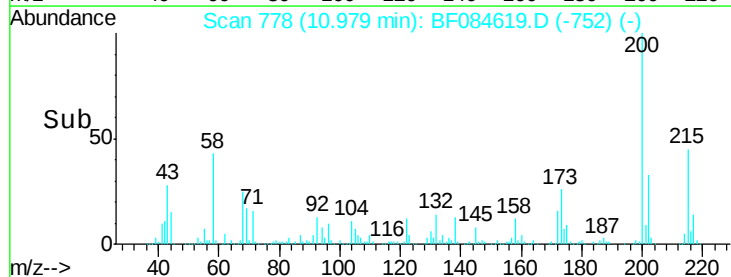
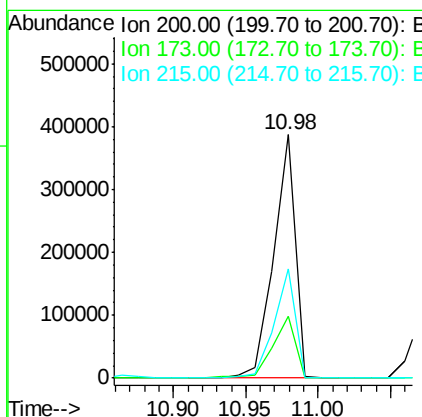
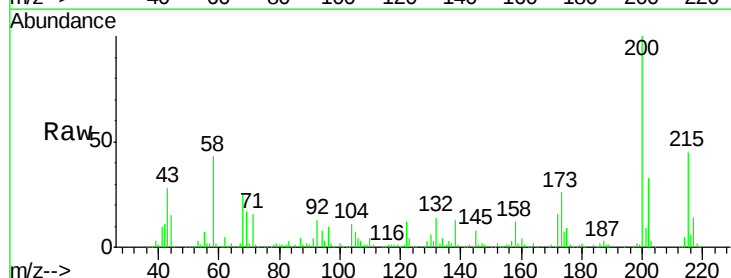
Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 416022
Ion Ratio Lower Upper
284 100
142 16.5 22.2 33.4#
249 28.0 24.6 37.0



#68
Atrazine
Concen: 47.27 ng
RT: 10.98 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Tgt Ion:200 Resp: 398347
Ion Ratio Lower Upper
200 100
173 25.6 9.5 49.5
215 44.9 23.8 63.8

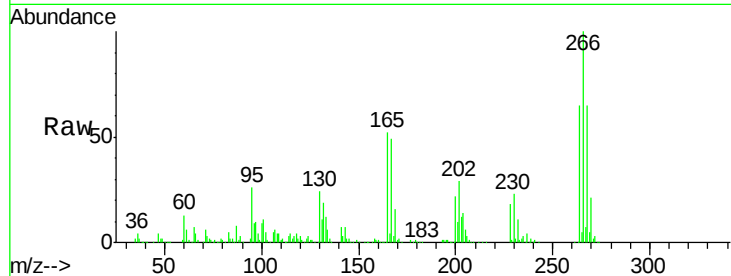




#69
 Pentachlorophenol
 Concen: 82.13 ng
 RT: 11.07 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF084619.D
 Acq: 27 Jan 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.1	52.4	78.6
264	65.1	50.2	75.2

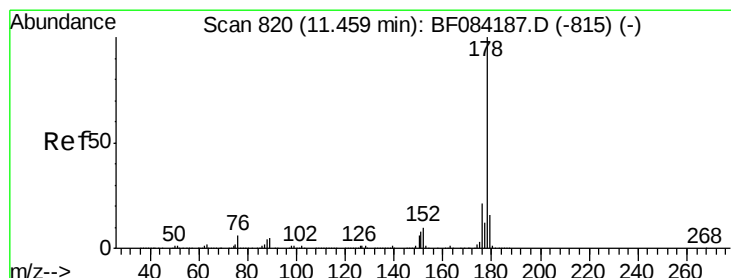
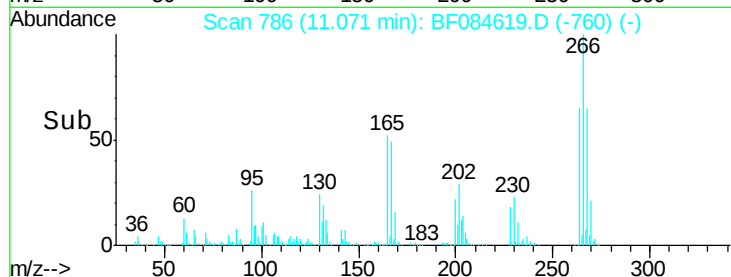
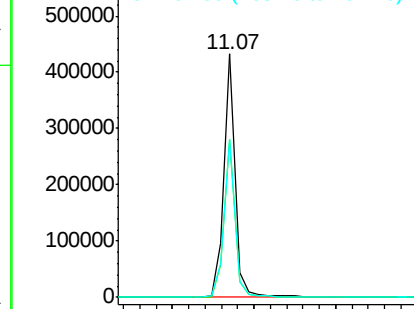


Abundance

Ion 265.70 (265.40 to 266.40): E

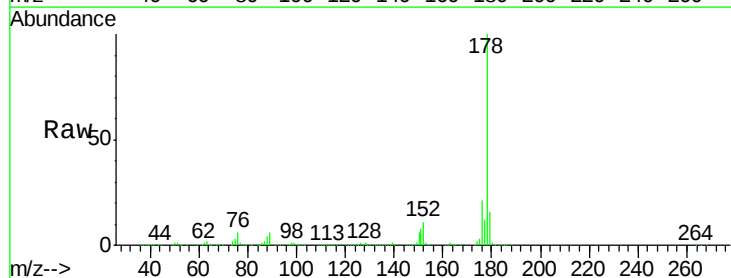
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 47.19 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF084619.D
 Acq: 27 Jan 2016 14:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.3	22.9
179	16.4	12.0	18.0

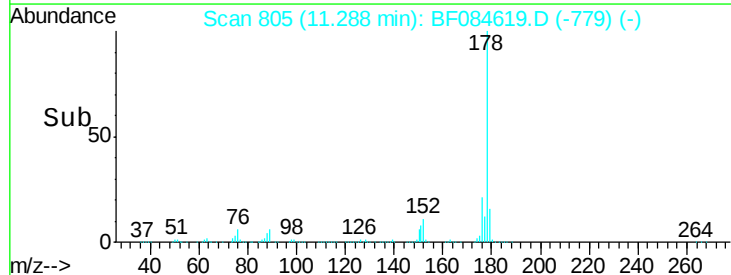
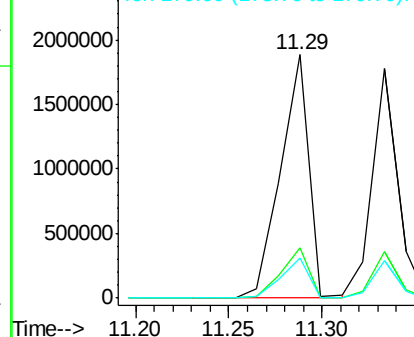


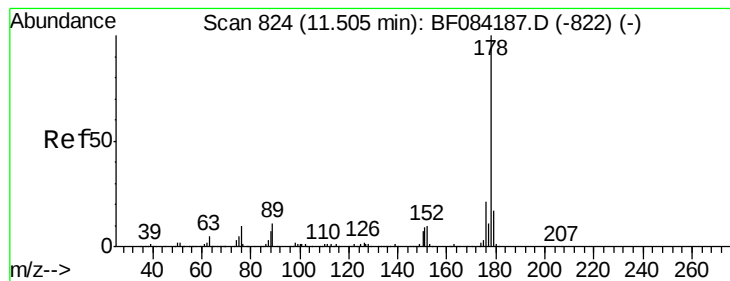
Abundance

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: 40.35 ng

RT: 11.33 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampled :

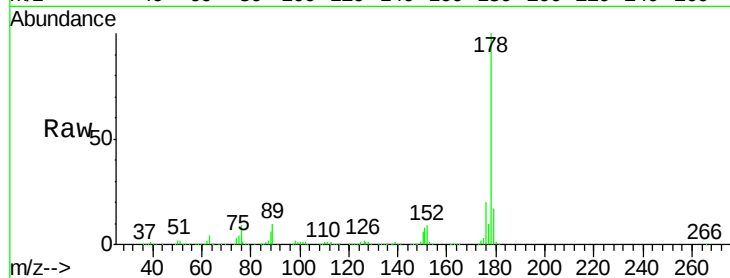
Tot Ion:178 Resp: 1666651

Ion Ratio Lower Upper

178 100

176 20.2 15.4 23.0

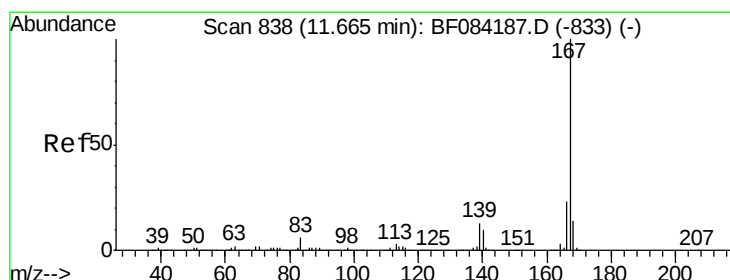
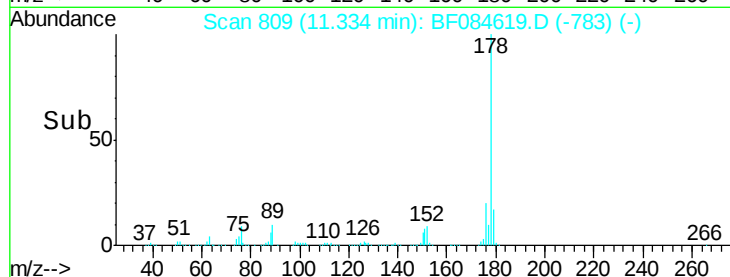
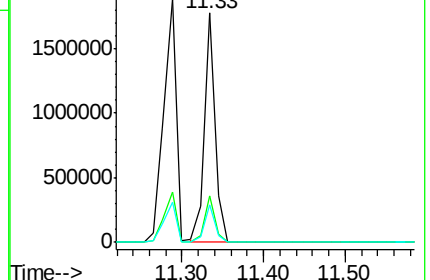
179 16.6 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.24 ng

RT: 11.49 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

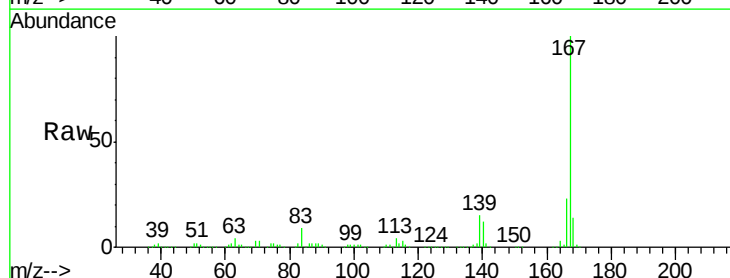
Tgt Ion:167 Resp: 1584256

Ion Ratio Lower Upper

167 100

166 22.8 17.6 26.4

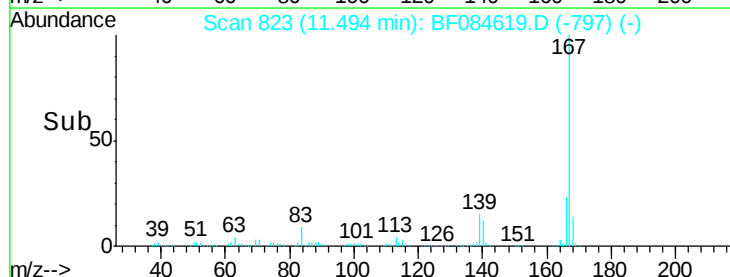
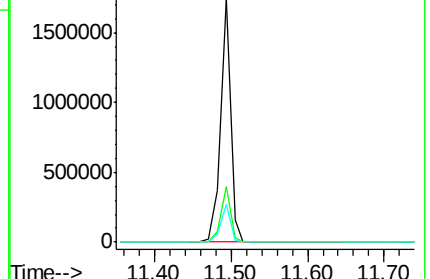
139 15.3 11.8 17.8

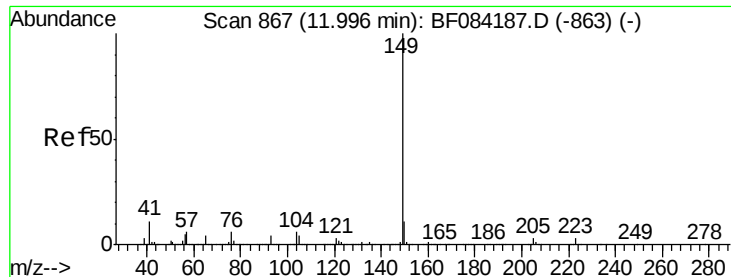


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 50.70 ng

RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampleId :

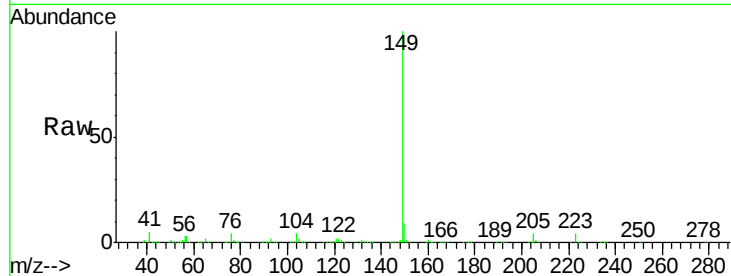
Tot Ion:149 Resp: 2107823

Ion Ratio Lower Upper

149 100

150 9.5 7.1 10.7

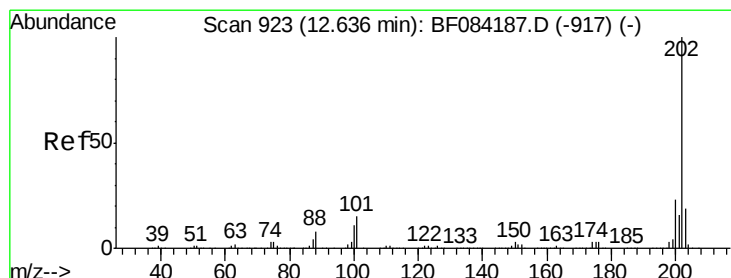
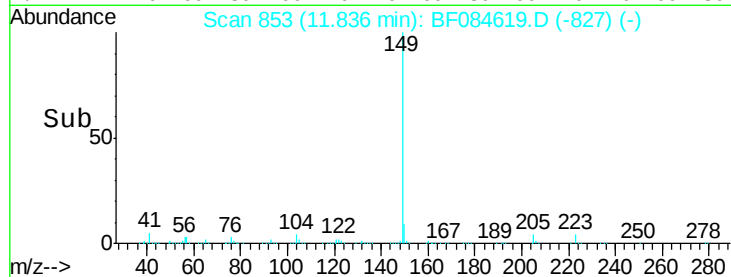
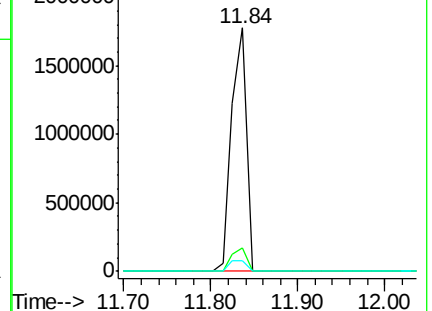
104 4.5 3.2 4.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.70 ng

RT: 12.47 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

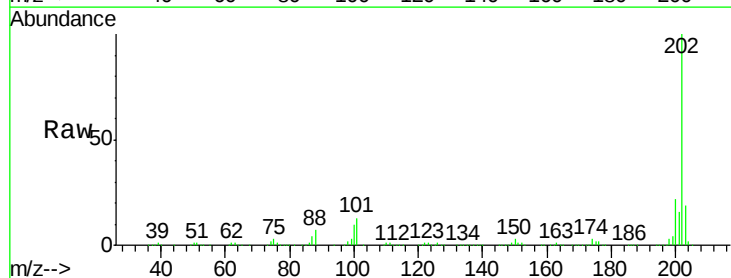
Tgt Ion:202 Resp: 1747418

Ion Ratio Lower Upper

202 100

101 12.8 0.0 32.8

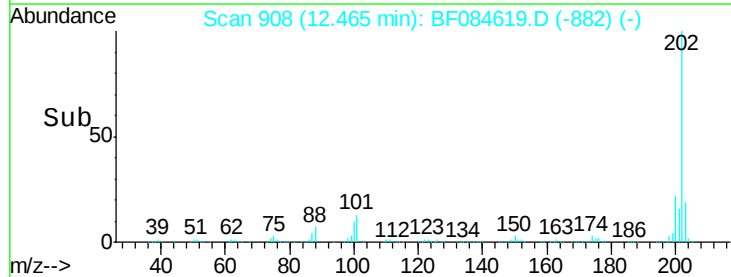
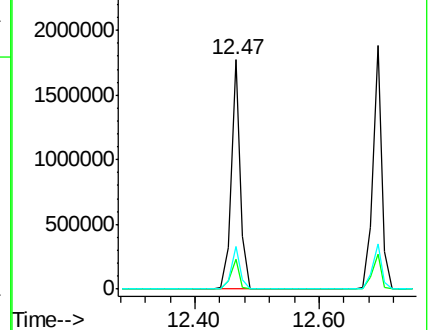
203 18.8 0.0 37.9

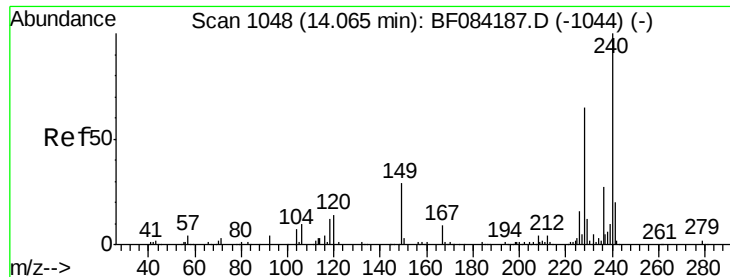


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1033

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampled :

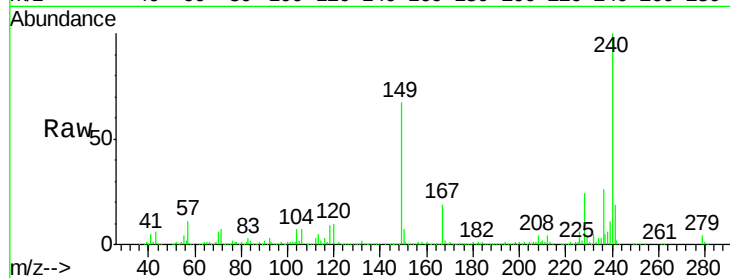
Tot Ion:240 Resp: 674038

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

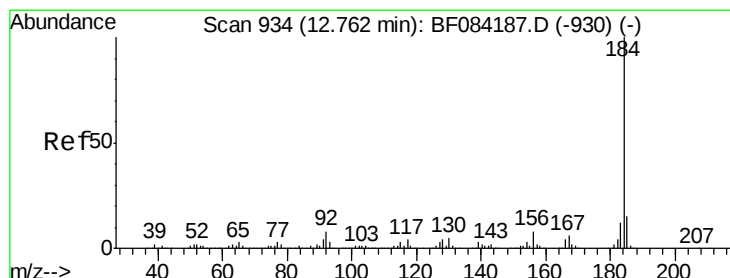
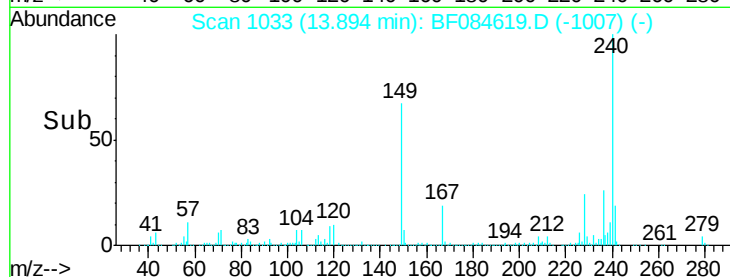
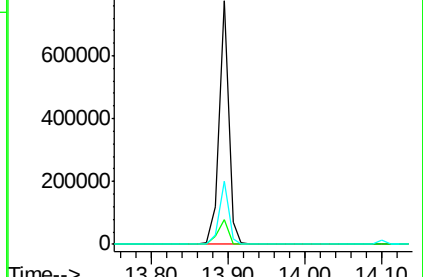
236 25.9 20.6 31.0



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: 30.75 ng

RT: 12.59 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

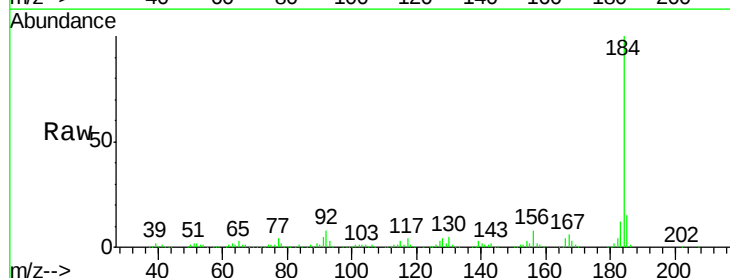
Tgt Ion:184 Resp: 743146

Ion Ratio Lower Upper

184 100

185 14.7 12.2 18.2

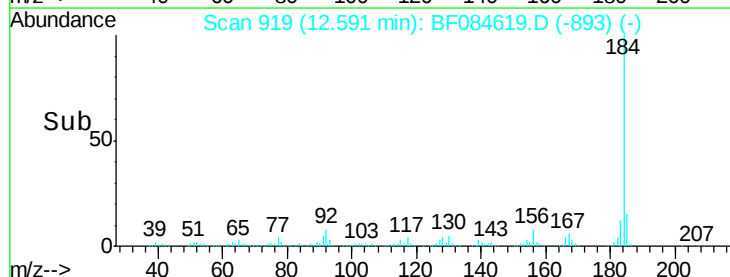
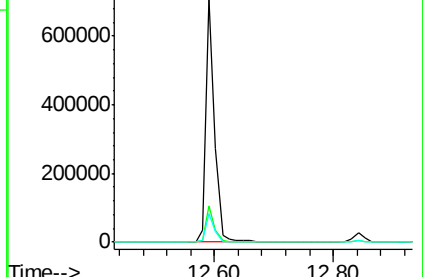
183 12.0 9.8 14.8

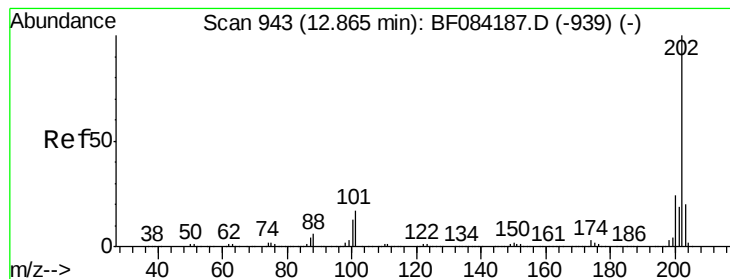


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 34.89 ng

RT: 12.69 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

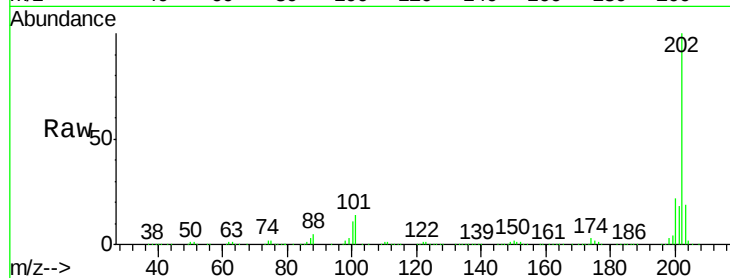
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1845638

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.2	25.8
203	18.6	14.3	21.5

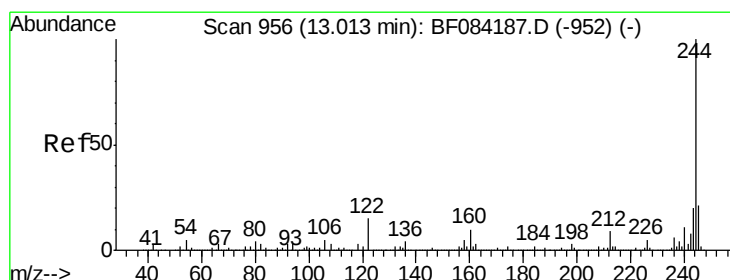
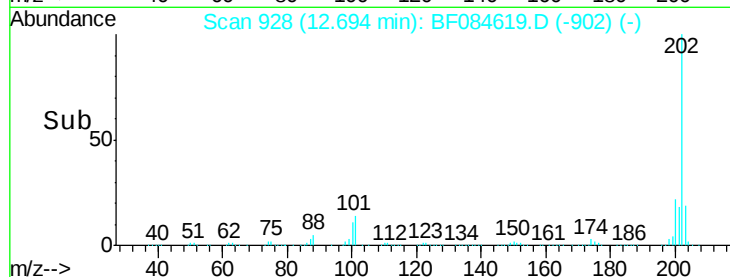
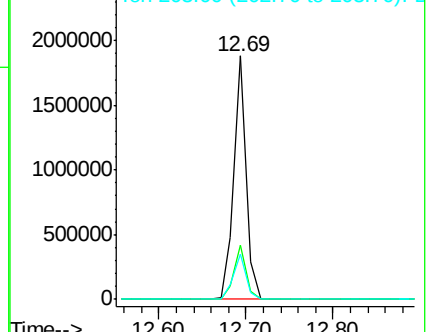


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.58 ng

RT: 12.84 min Scan# 941

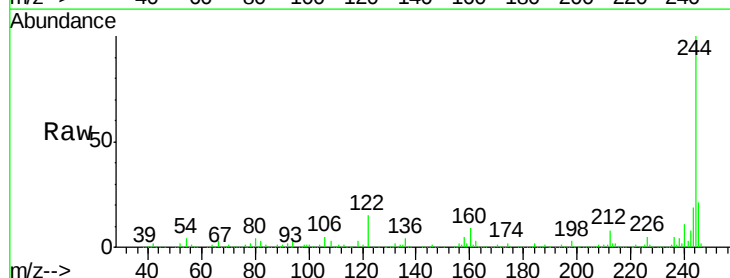
Delta R.T. -0.01 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Tgt Ion:244 Resp: 2312354

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.7	8.5
122	14.8	7.4	11.0

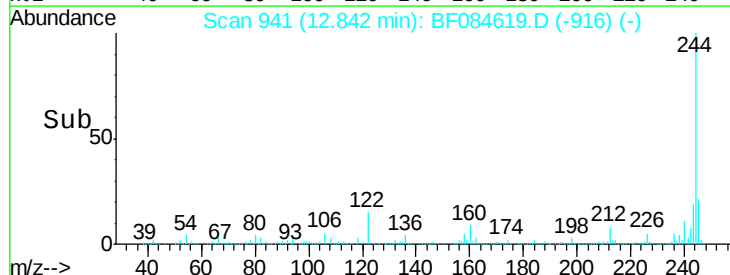
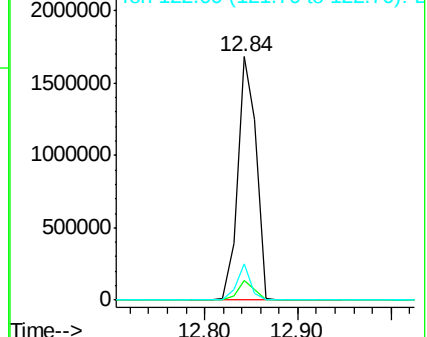


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

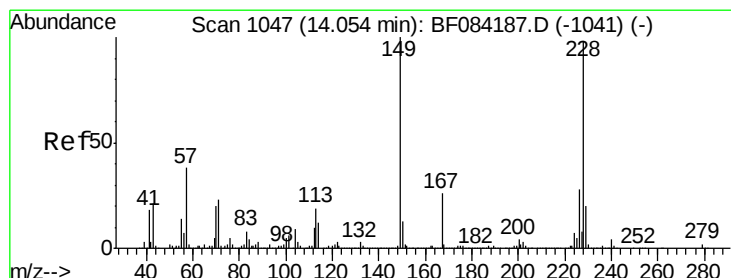
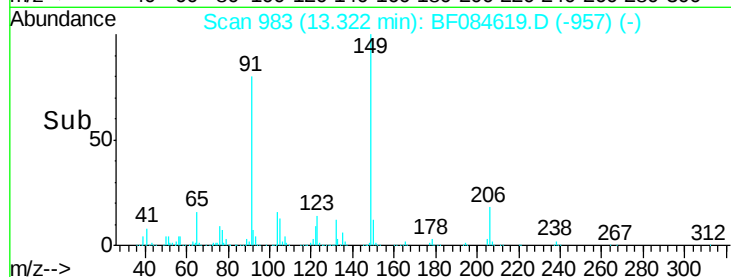
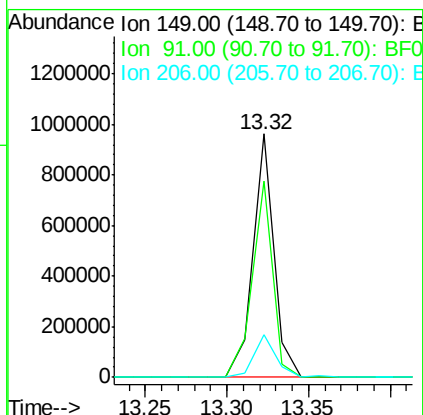
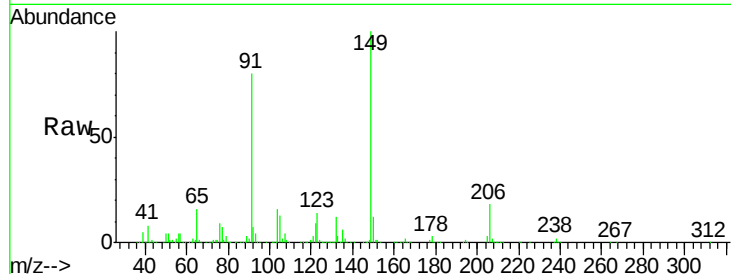




#79
Butylbenzylphthalate
Concen: 37.59 ng
RT: 13.32 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

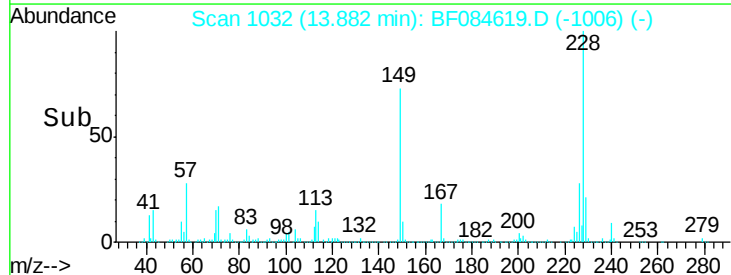
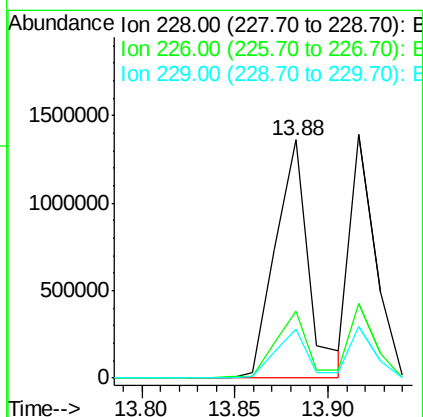
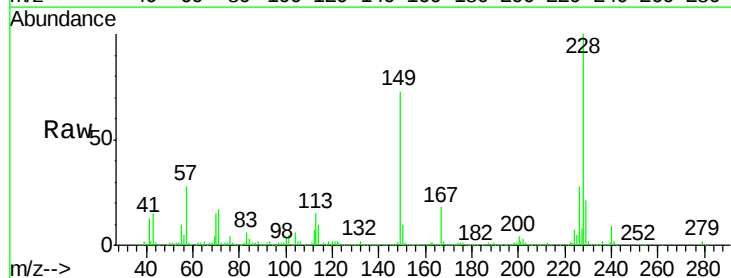
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 860284
Ion Ratio Lower Upper
149 100
91 80.3 57.6 86.4
206 17.6 13.2 19.8



#80
Benzo(a)anthracene
Concen: 42.87 ng
RT: 13.88 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Tgt Ion:228 Resp: 1696667
Ion Ratio Lower Upper
228 100
226 28.0 21.8 32.6
229 20.6 15.8 23.8

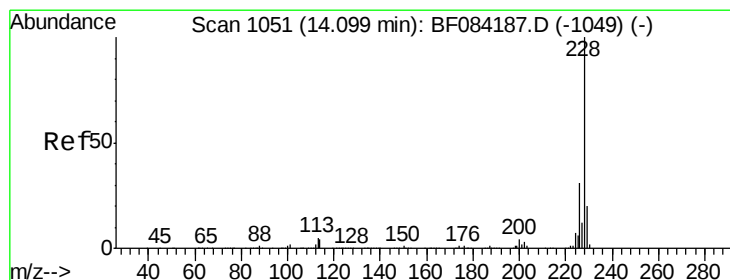
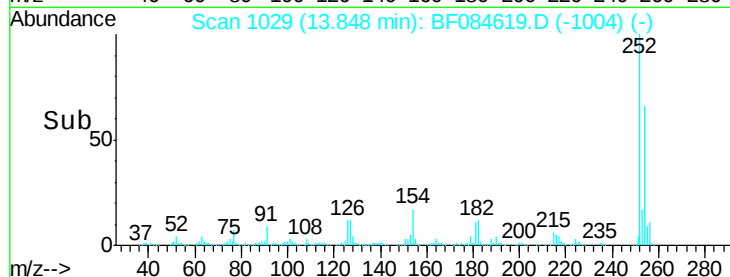
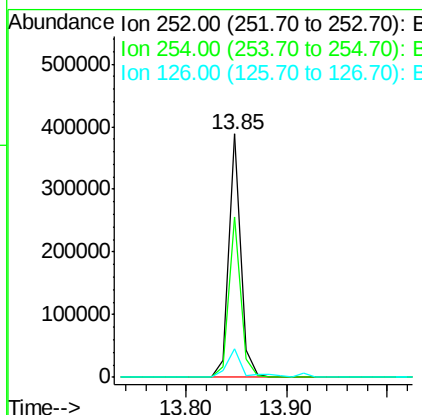
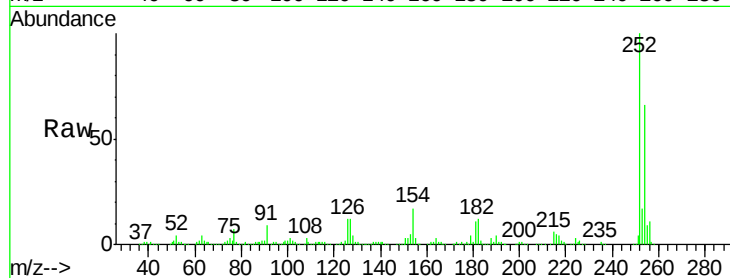




#81
 3,3'-Dichlorobenzidine
 Concen: 23.31 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF084619.D
 Acq: 27 Jan 2016 14:15

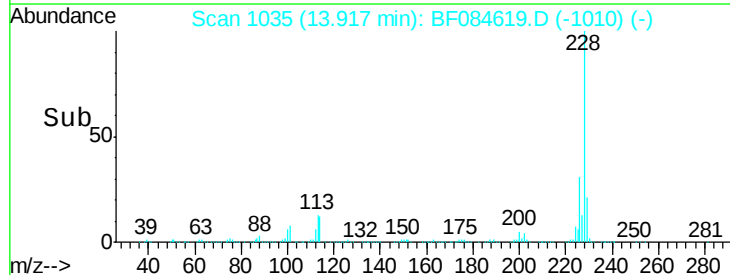
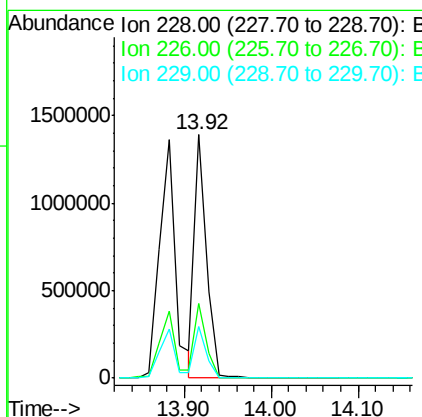
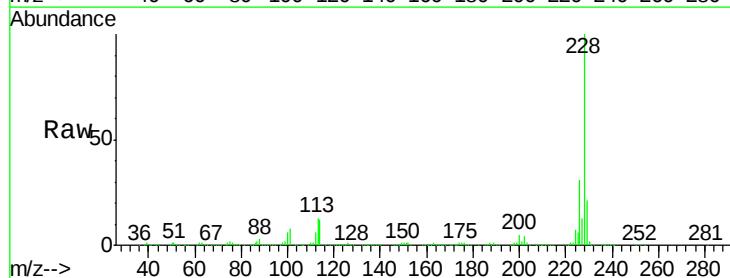
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 321922
 Ion Ratio Lower Upper
 252 100
 254 65.8 53.5 80.3
 126 11.9 4.9 7.3#



#82
 Chrysene
 Concen: 34.96 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF084619.D
 Acq: 27 Jan 2016 14:15

Tgt Ion:228 Resp: 1329603
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.3 36.5
 229 21.0 16.1 24.1

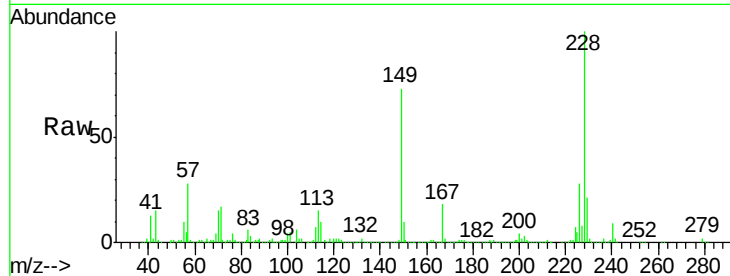




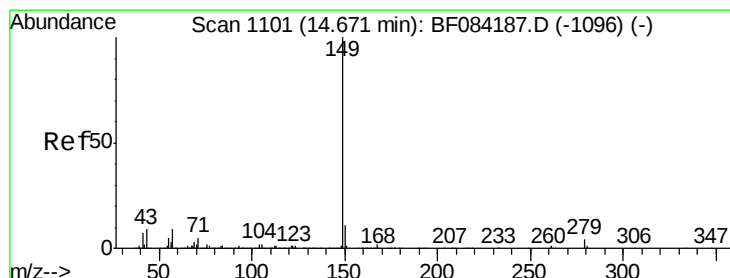
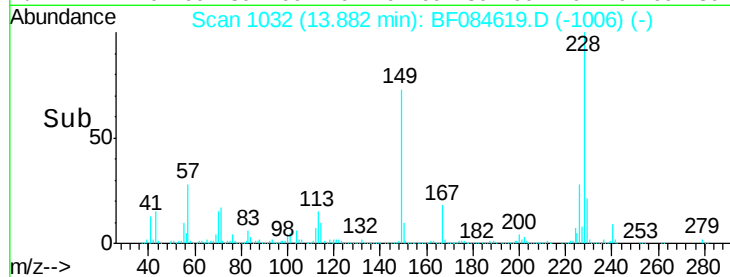
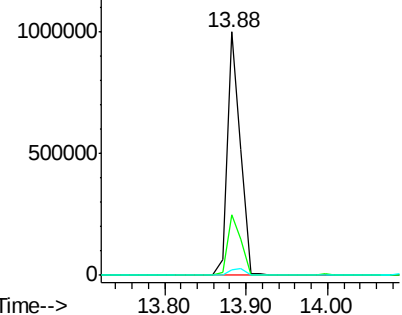
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.01 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF084619.D
 Acq: 27 Jan 2016 14:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:149 Resp: 1099166
 Ion Ratio Lower Upper
 149 100
 167 25.1 19.7 29.5
 279 2.1 1.8 2.6

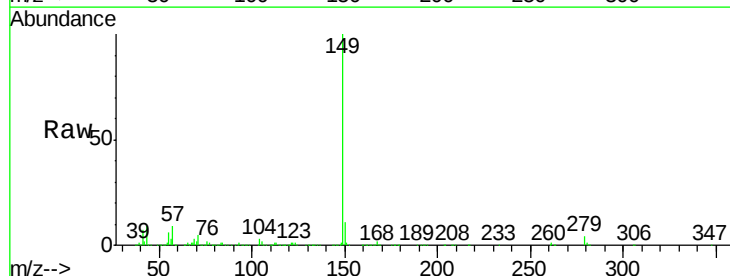


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

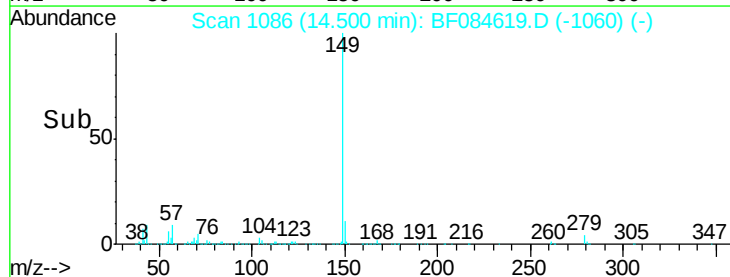
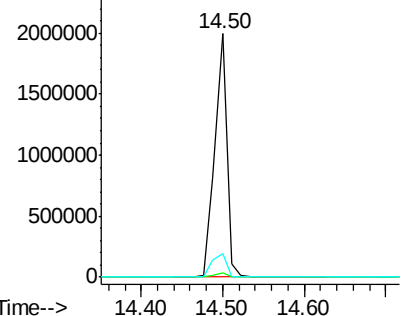


#84
 Di-n-octyl phthalate
 Concen: 41.48 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: BF084619.D
 Acq: 27 Jan 2016 14:15

Tgt Ion:149 Resp: 2025174
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.7 5.6 8.4#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0



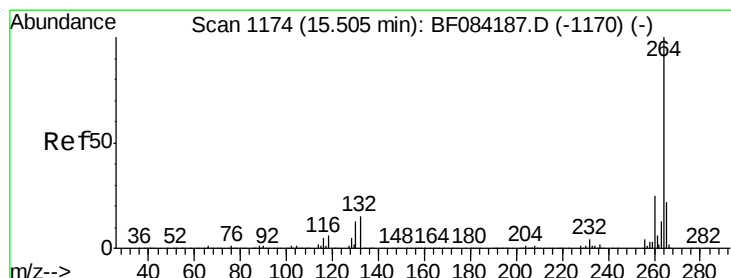
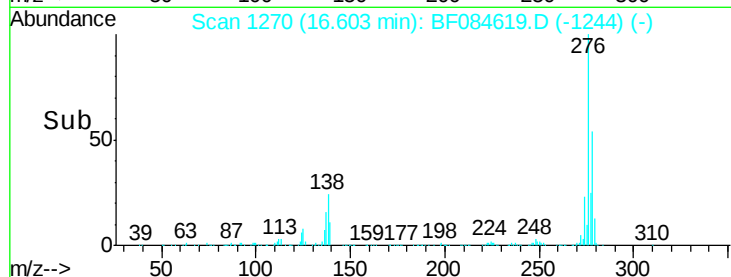
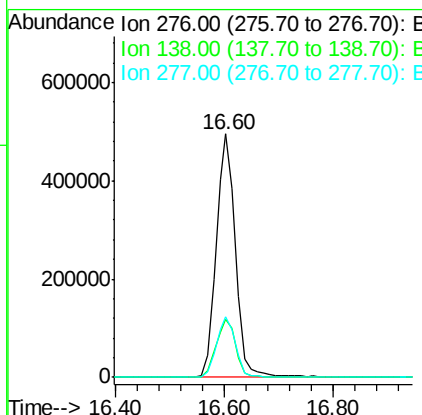
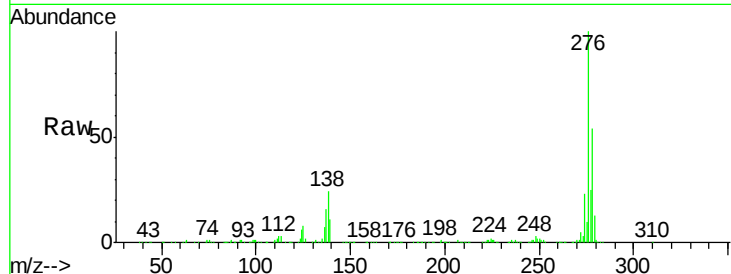


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.87 ng
 RT: 16.60 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF084619.D
 Acq: 27 Jan 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1232158

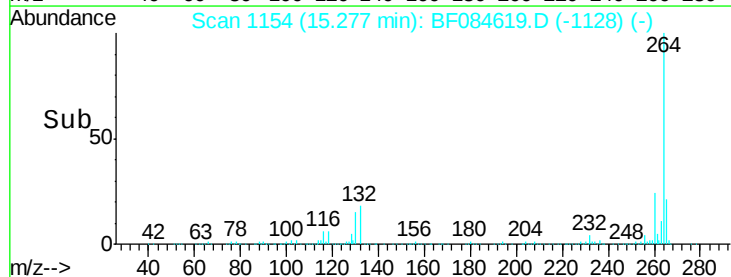
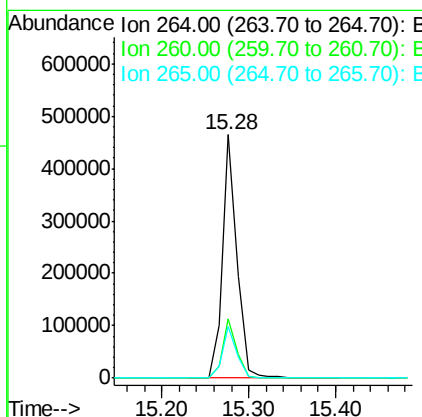
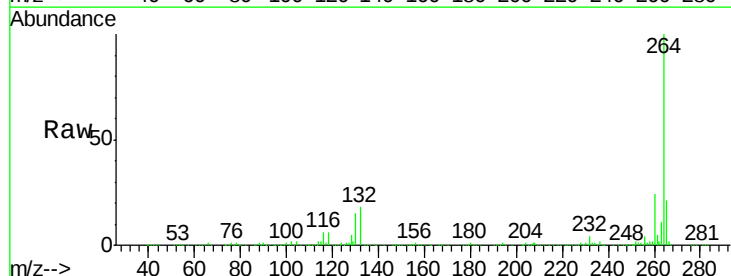
Ion	Ratio	Lower	Upper
276	100		
138	24.4	20.6	30.8
277	25.0	20.1	30.1

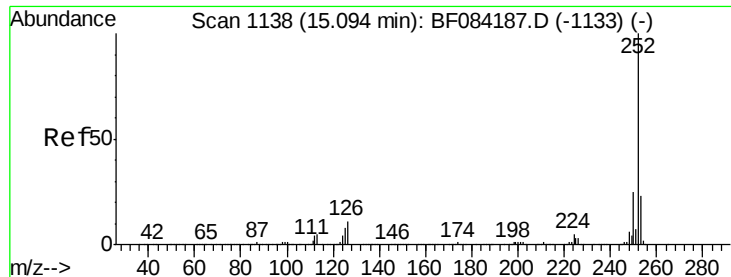


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF084619.D
 Acq: 27 Jan 2016 14:15

Tgt Ion:264 Resp: 545356

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.4	17.8	26.6

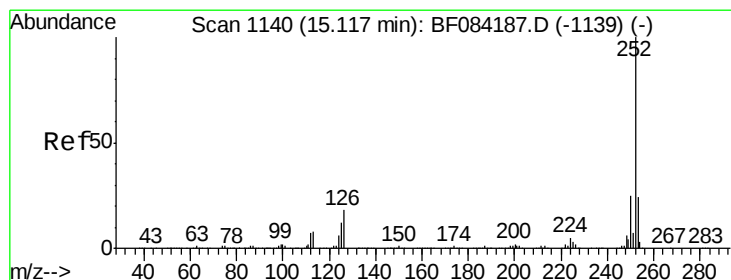
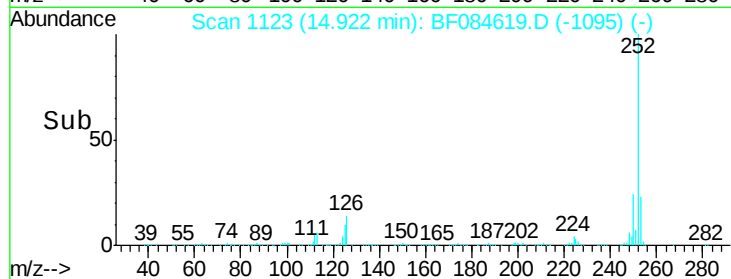
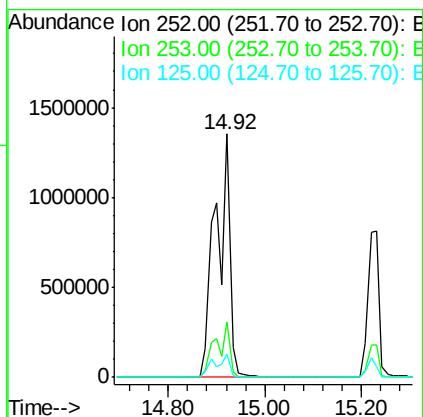
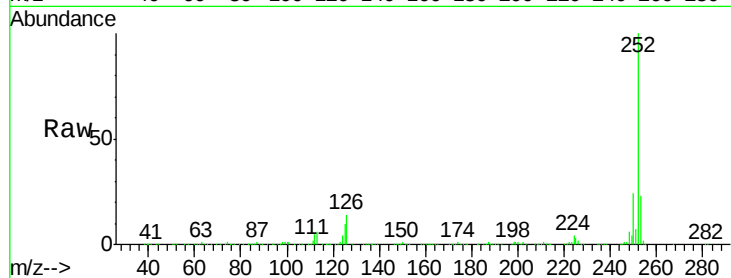




#87
Benzo(b)fluoranthene
Concen: 79.23 ng
RT: 14.92 min Scan# 1123
Delta R.T. 0.02 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

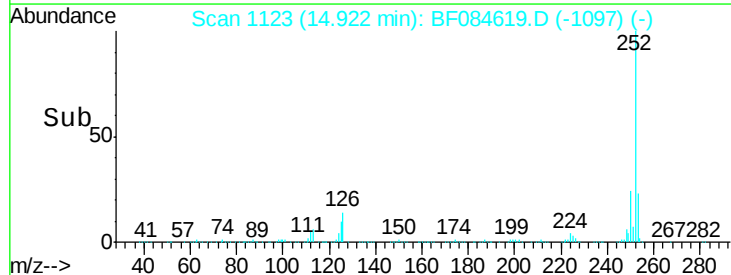
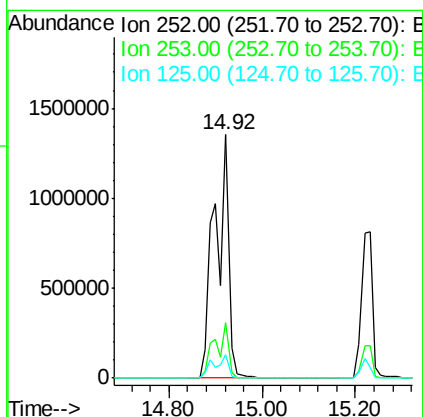
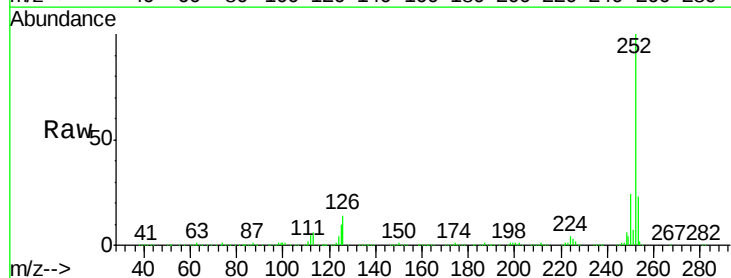
Instrument :
BNA_F
ClientSampleId :

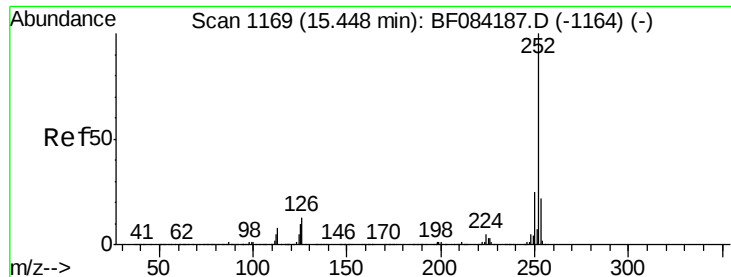
Tot Ion:252 Resp: 2826306
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 9.8 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 96.89 ng
RT: 14.92 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Tgt Ion:252 Resp: 2826903
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 9.8 9.0 13.6

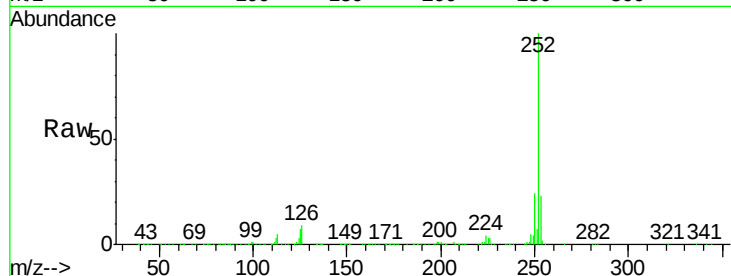




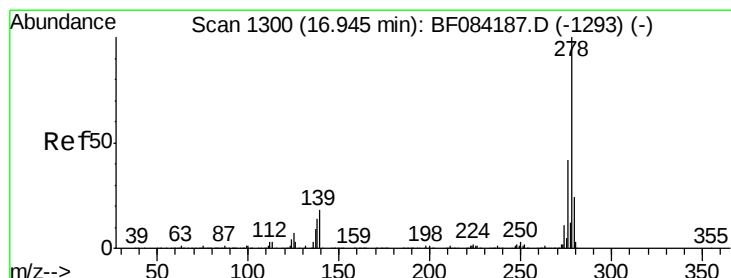
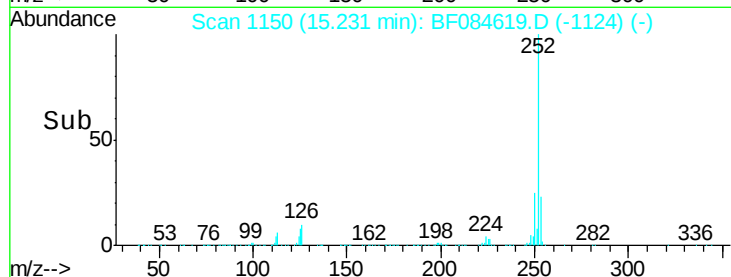
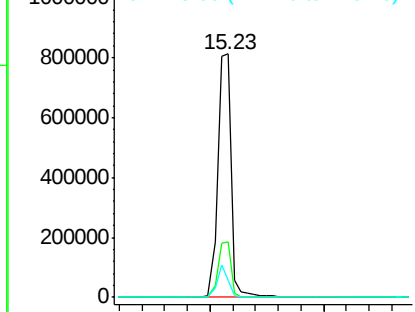
#89
Benzo(a)pyrene
Concen: 43.65 ng
RT: 15.23 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1320742
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 7.2 7.0 10.4

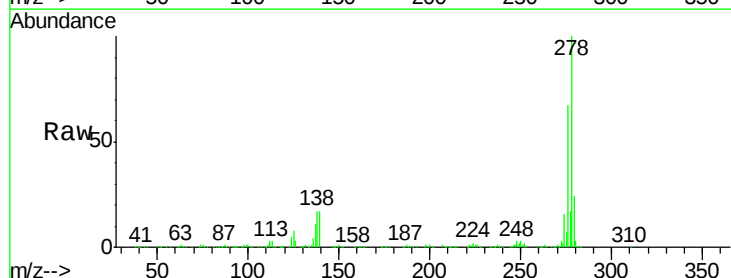


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

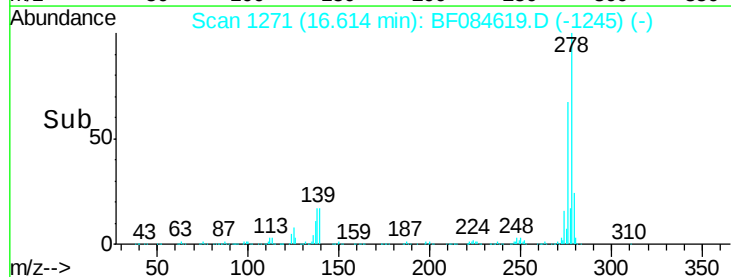
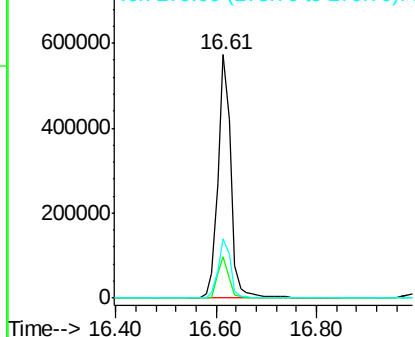


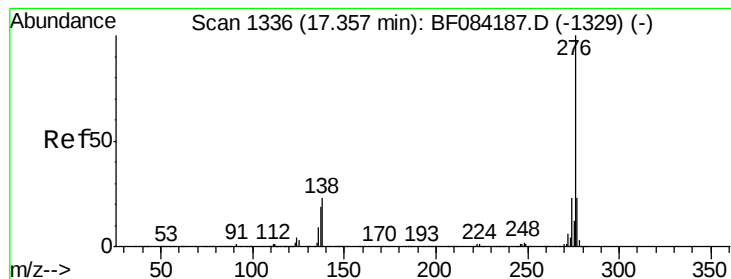
#90
Dibenzo(a,h)anthracene
Concen: 39.29 ng
RT: 16.61 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Tgt Ion:278 Resp: 1023100
Ion Ratio Lower Upper
278 100
139 17.2 15.0 22.4
279 24.5 18.9 28.3



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

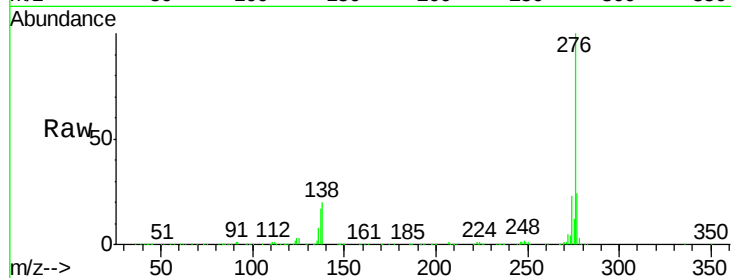




#91
 Benzo(a,h,i)perylene
 Concen: 37.47 ng
 RT: 17.00 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF084619.D
 Acq: 27 Jan 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1010334
 Ion Ratio Lower Upper
 276 100
 277 24.2 18.8 28.2
 138 19.9 17.8 26.6



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

