

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110215\
 Data File : BF082647.D
 Acq On : 2 Nov 2015 23:00
 Operator : UM/IZ
 Sample : G4238-05MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-16CMS

Quant Time: Nov 03 05:46:10 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	192369	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	732850	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	352027	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	569579	20.00	ng	-0.02
75) Chrysene-d12	14.05	240	429460	20.00	ng	-0.02
86) Perylene-d12	15.50	264	390847	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1263700	98.94	ng	-0.01
7) Phenol-d6	6.52	99	1775773	104.65	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1310792	73.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	405644	105.29	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1496271	60.35	ng	-0.02
78) Terphenyl-d14	13.00	244	1058680	53.95	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	158459	26.84	ng	92
3) Pyridine	3.26	79	469602	27.13	ng	97
4) n-Nitrosodimethylamine	3.20	42	281661	28.90	ng	99
6) Aniline	6.54	93	690583	29.23	ng	92
8) 2-Chlorophenol	6.67	128	485427	35.13	ng	# 74
9) Benzaldehyde	6.43	77	184688	15.94	ng	85
10) Phenol	6.53	94	627819	32.65	ng	95
11) bis(2-Chloroethyl)ether	6.62	93	528507	37.26	ng	91
12) 1,3-Dichlorobenzene	6.83	146	535113m	33.96	ng	
13) 1,4-Dichlorobenzene	6.91	146	571534	36.57	ng	94
14) 1,2-Dichlorobenzene	7.06	146	486969	33.57	ng	94
15) Benzyl Alcohol	7.04	79	573674	36.26	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	776674	34.45	ng	98
17) 2-Methylphenol	7.15	107	469074	39.92	ng	97
18) Hexachloroethane	7.41	117	171774	28.16	ng	# 78
19) n-Nitroso-di-n-propylamine	7.31	70	449123	34.92	ng	88
20) 3+4-Methylphenols	7.30	107	538311	35.25	ng	95
22) Acetophenone	7.30	105	731962	33.93	ng	# 82
24) Nitrobenzene	7.47	77	597981	32.96	ng	# 88
25) Isophorone	7.72	82	1125230	34.08	ng	# 95
26) 2-Nitrophenol	7.79	139	247606	37.37	ng	# 81
27) 2,4-Dimethylphenol	7.84	122	524499	40.55	ng	93
28) bis(2-Chloroethoxy)methane	7.93	93	641126	35.50	ng	98
29) 2,4-Dichlorophenol	8.03	162	419664	35.59	ng	87
30) 1,2,4-Trichlorobenzene	8.12	180	462613	35.35	ng	96
31) Naphthalene	8.20	128	1482075	37.37	ng	100
32) Benzoic acid	7.92	122	146537	15.62	ng	94
33) 4-Chloroaniline	8.25	127	438779	25.92	ng	# 87
34) Hexachlorobutadiene	8.33	225	298592	35.88	ng	99
35) Caprolactam	8.60	113	129139	35.70	ng	93
36) 4-Chloro-3-methylphenol	8.73	107	472720	34.05	ng	95
37) 2-Methylnaphthalene	8.89	142	883433	34.37	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	419522	35.71	ng	99
40) Hexachlorocyclopentadiene	9.06	237	159351	21.58	ng	94

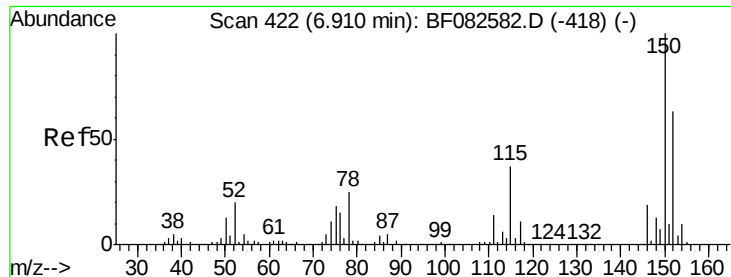
Data Path : Z:\HPCHEM1\BNA F\DATA\BF110215\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	336345m	39.65	nq	
43) 2,4,5-Trichlorophenol	9.21	196	303841m	35.95	nq	
45) 1,1'-Biphenyl	9.36	154	1043374	35.09	nq	97
46) 2-Chloronaphthalene	9.38	162	801796	34.53	nq	94
47) 2-Nitroaniline	9.47	65	345011	38.23	nq	90
48) Acenaphthylene	9.80	152	1353010	36.43	nq	98
49) Dimethylphthalate	9.66	163	1662275	57.82	nq	99
50) 2,6-Dinitrotoluene	9.72	165	217417	36.49	nq	# 59
51) Acenaphthene	9.97	154	850947	36.09	nq	100
52) 3-Nitroaniline	9.88	138	226744	34.20	nq	79
53) 2,4-Dinitrophenol	9.98	184	68746	26.54	nq	# 15
54) Dibenzofuran	10.14	168	1249053	39.04	nq	90
55) 4-Nitrophenol	10.04	139	349046	69.97	nq	# 83
56) 2,4-Dinitrotoluene	10.12	165	303650	37.68	nq	# 62
57) Fluorene	10.49	166	920732	35.68	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	281504	39.41	nq	90
59) Diethylphthalate	10.36	149	1065236	36.39	nq	99
60) 4-Chlorophenyl-phenylether	10.48	204	439966	35.08	nq	# 87
61) 4-Nitroaniline	10.49	138	204790	32.37	nq	92
62) Azobenzene	10.64	77	1077237	32.64	nq	92
64) 4,6-Dinitro-2-methylphenol	10.52	198	59259	17.25	nq	# 64
65) n-Nitrosodiphenylamine	10.59	169	762677	38.95	nq	99
66) 4-Bromophenyl-phenylether	10.97	248	280445	43.45	nq	# 85
67) Hexachlorobenzene	11.04	284	298851	41.76	nq	# 68
68) Atrazine	11.13	200	280902	43.85	nq	89
69) Pentachlorophenol	11.23	266	345544	73.22	nq	98
70) Phenanthrene	11.45	178	1324972	41.24	nq	96
71) Anthracene	11.49	178	1253519	38.75	nq	99
72) Carbazole	11.64	167	1031708	36.62	nq	99
73) Di-n-butylphthalate	11.98	149	1375456	38.35	nq	99
74) Fluoranthene	12.62	202	1147760	34.95	nq	98
76) Benzidine	12.75	184	760887	39.29	nq	99
77) Pyrene	12.85	202	1133803	35.65	nq	98
79) Butylbenzylphthalate	13.48	149	543418	39.01	nq	97
80) Benzo(a)anthracene	14.04	228	1000428	36.67	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	358293	38.12	nq	98
82) Chrysene	14.09	228	974260	39.40	nq	97
83) Bis(2-ethylhexyl)phthalate	14.05	149	830490	45.99	nq	99
84) Di-n-octyl phthalate	14.66	149	1258647	44.69	nq	98
85) Indeno(1,2,3-cd)pyrene	16.92	276	800467	39.23	nq	100
87) Benzo(b)fluoranthene	15.08	252	1040883m	38.62	nq	
88) Benzo(k)fluoranthene	15.12	252	650128m	31.66	nq	
89) Benzo(a)pyrene	15.44	252	791911	37.31	nq	97
90) Dibenzo(a,h)anthracene	16.95	278	693937	35.04	nq	99
91) Benzo(g,h,i)perylene	17.35	276	635353	33.10	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

Instrument :

BNA_F

ClientSampleId :

T-16CMS

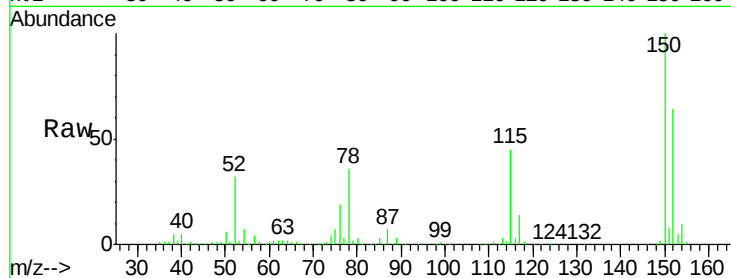
Tot Ion:152 Resp: 192369

Ion Ratio Lower Upper

152 100

150 156.2 127.0 190.4

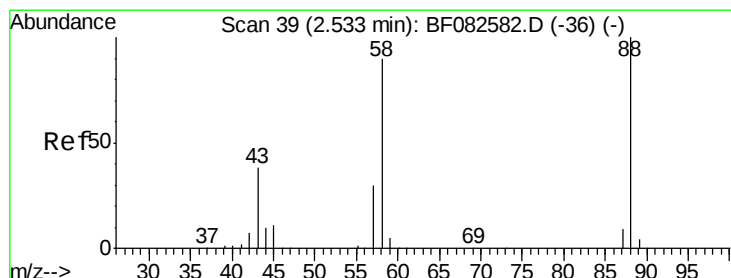
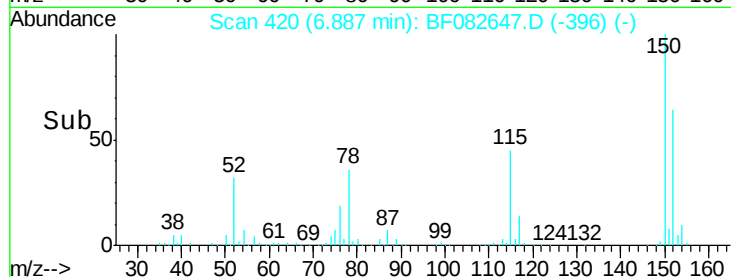
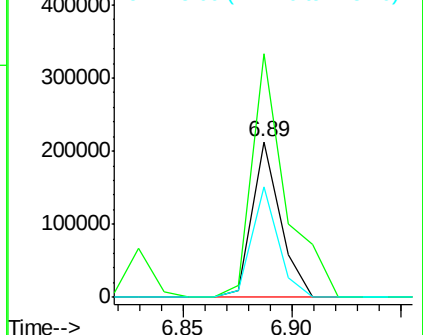
115 71.0 47.0 70.6#



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: 26.84 ng

RT: 2.53 min Scan# 39

Delta R.T. -0.00 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

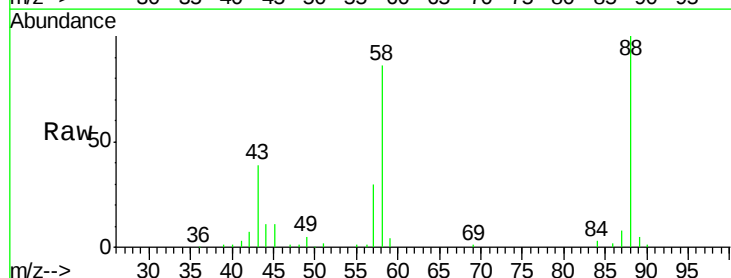
Tgt Ion: 88 Resp: 158459

Ion Ratio Lower Upper

88 100

58 83.8 62.0 93.0

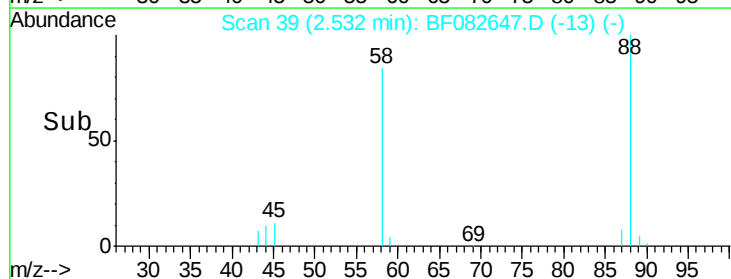
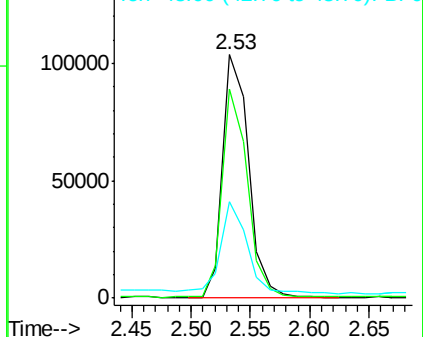
43 39.7 26.6 40.0

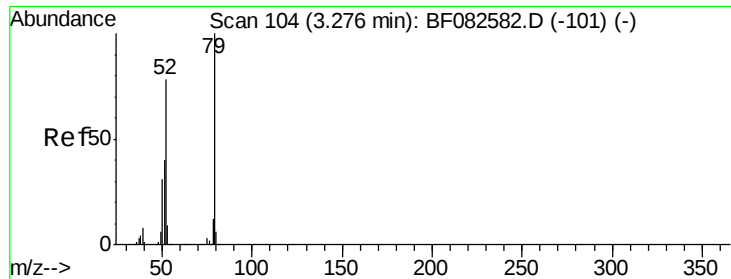


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 27.13 ng

RT: 3.26 min Scan# 103

Delta R.T. -0.01 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

Instrument :

BNA_F

ClientSampleId :

T-16CMS

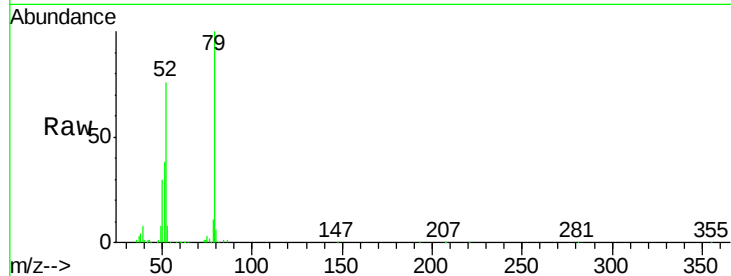
Tot Ion: 79 Resp: 469602

Ion Ratio Lower Upper

79 100

52 76.0 62.8 94.2

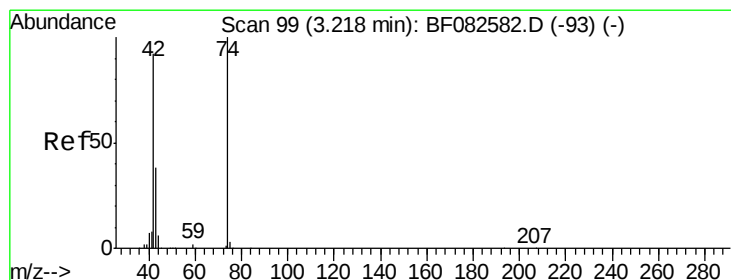
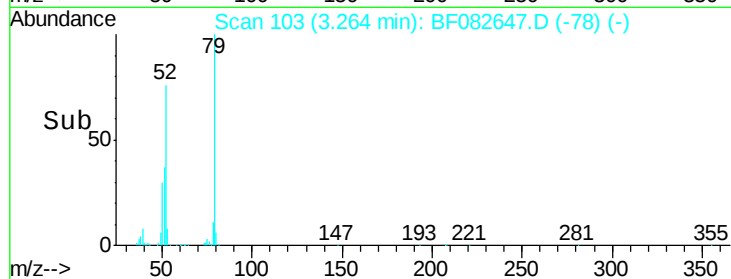
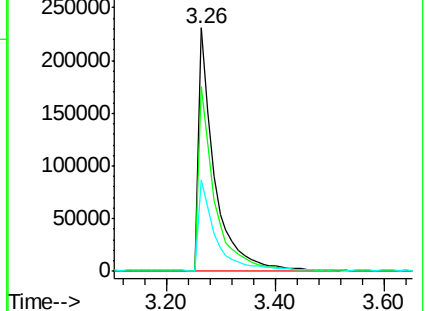
51 37.6 32.0 48.0



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: 28.90 ng

RT: 3.20 min Scan# 97

Delta R.T. -0.02 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

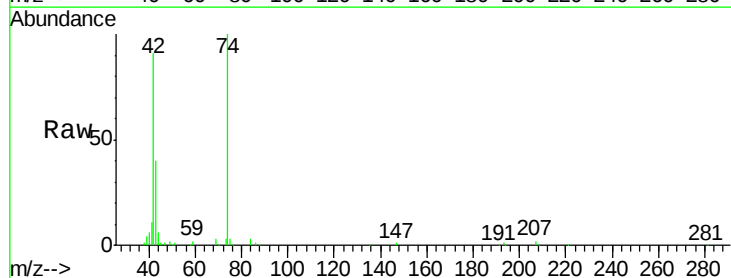
Tgt Ion: 42 Resp: 281661

Ion Ratio Lower Upper

42 100

74 110.1 87.0 130.4

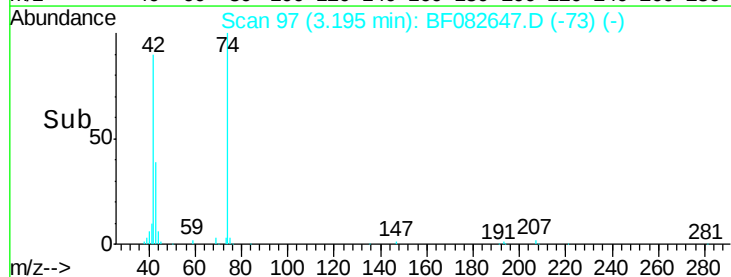
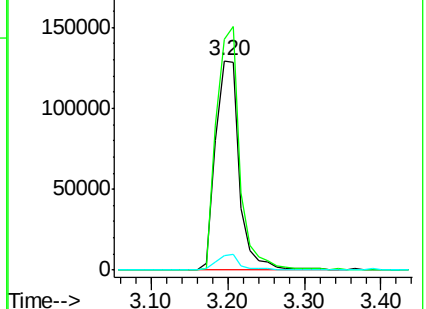
44 6.8 5.8 8.8

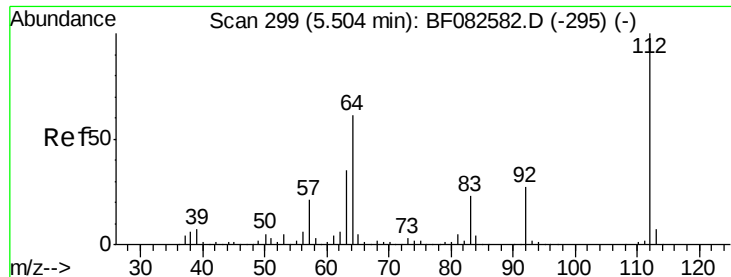


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 98.94 ng

RT: 5.49 min Scan# 298

Delta R.T. -0.01 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

Instrument :

BNA_F

ClientSampleId :

T-16CMS

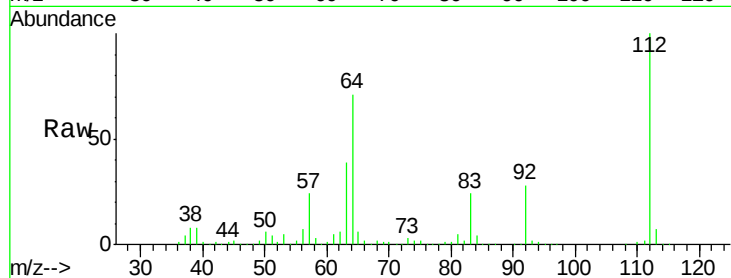
Tot Ion:112 Resp: 1263700

Ion Ratio Lower Upper

112 100

64 71.0 48.9 73.3

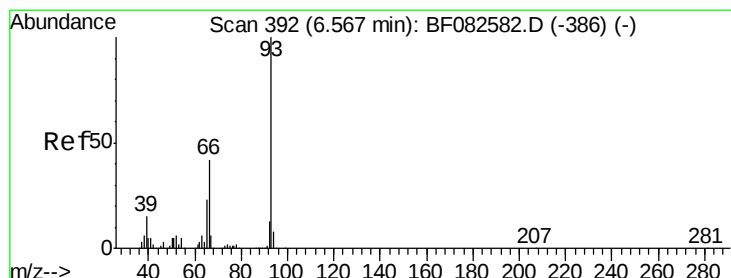
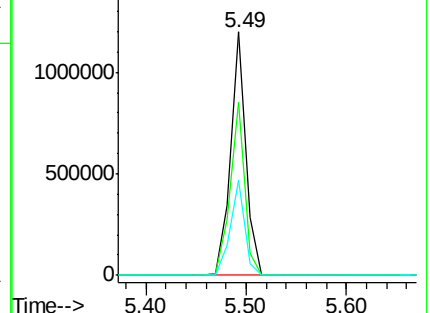
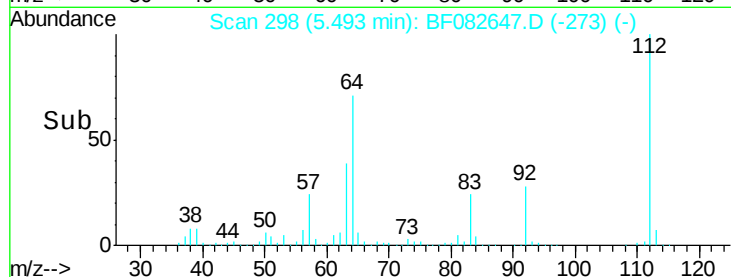
63 39.3 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 29.23 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.02 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

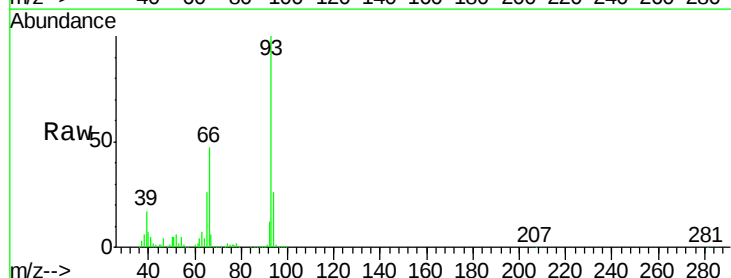
Tgt Ion: 93 Resp: 690583

Ion Ratio Lower Upper

93 100

66 47.4 33.6 50.4

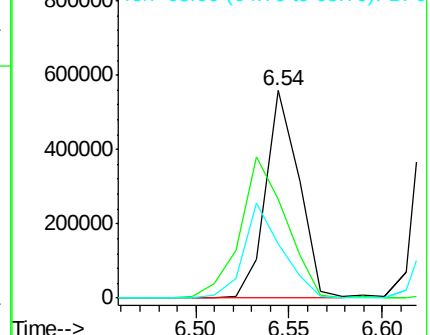
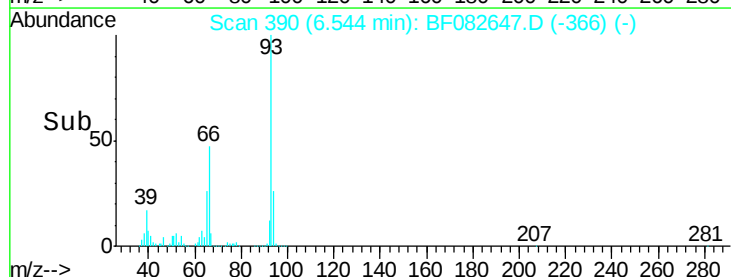
65 26.0 18.1 27.1

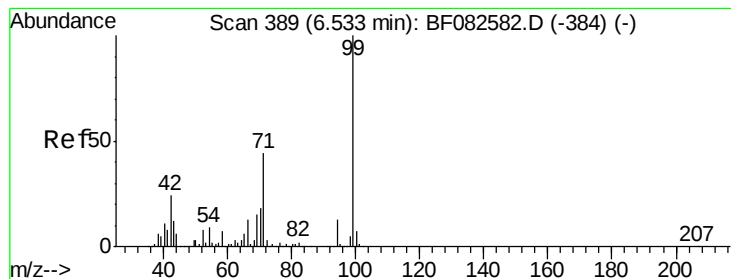


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 104.65 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

Instrument :

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ClientSampleId :

T-16CMS

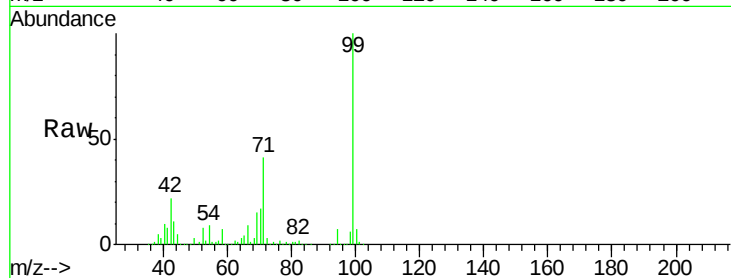
Tot Ion: 99 Resp: 1775773

Ion Ratio Lower Upper

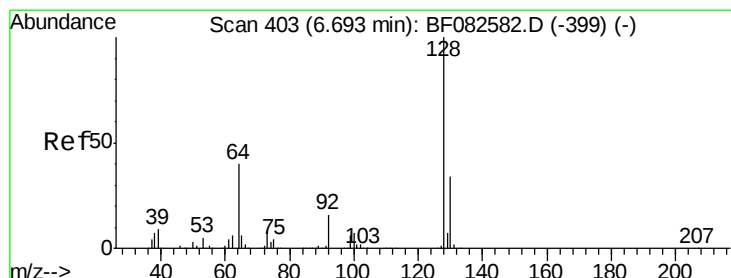
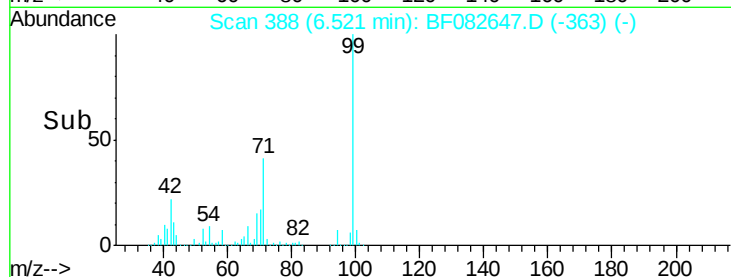
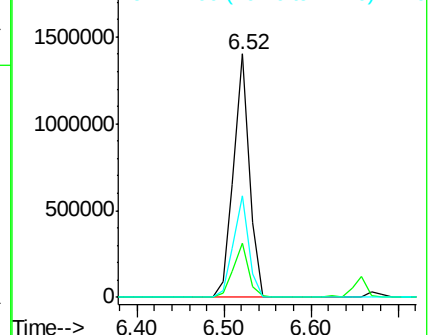
99 100

42 22.3 19.2 28.8

71 41.5 35.0 52.4



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



#8

2-Chlorophenol

Concen: 35.13 ng

RT: 6.67 min Scan# 401

Delta R.T. -0.02 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

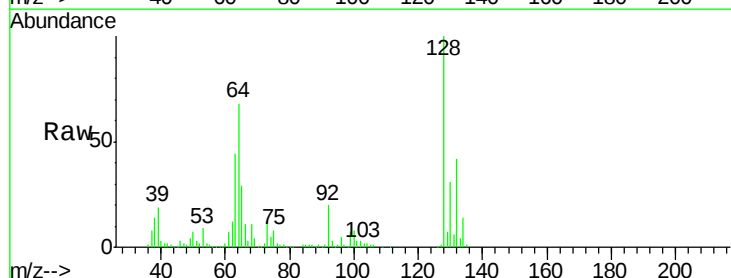
Tgt Ion:128 Resp: 485427

Ion Ratio Lower Upper

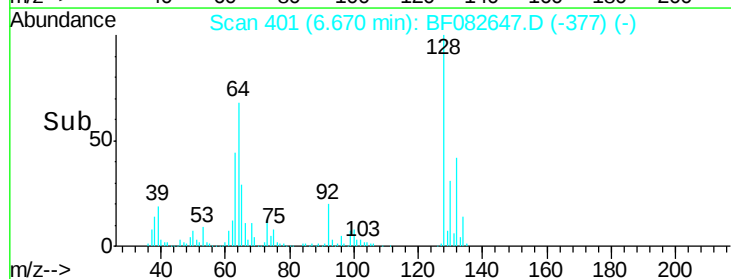
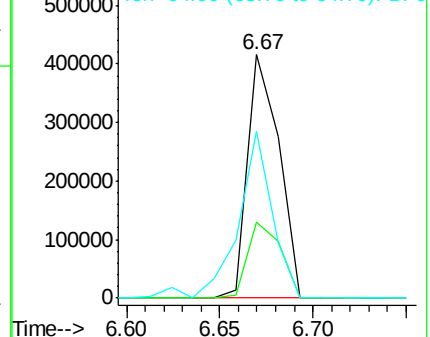
128 100

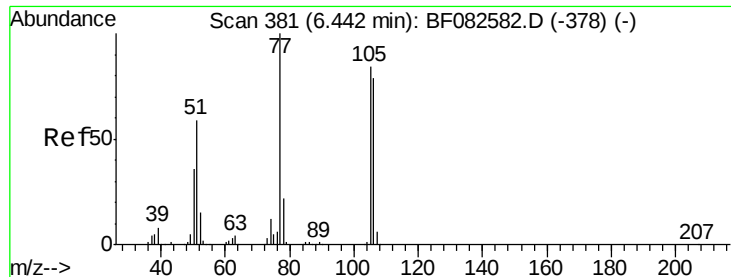
130 31.2 13.5 53.5

64 68.4 21.1 61.1#



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





#9

Benzaldehyde

Concen: 15.94 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

Instrument :

BNA_F

ClientSampled :

T-16CMS

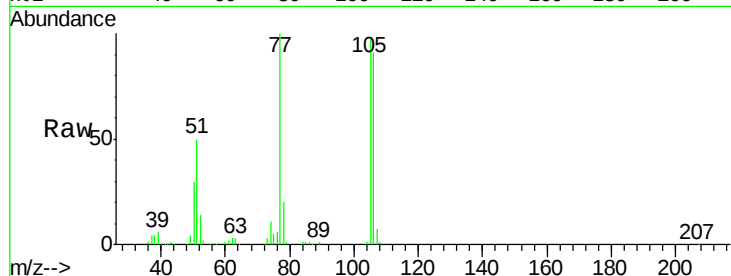
Tot Ion: 77 Resp: 184688

Ion Ratio Lower Upper

77 100

105 97.8 63.5 103.5

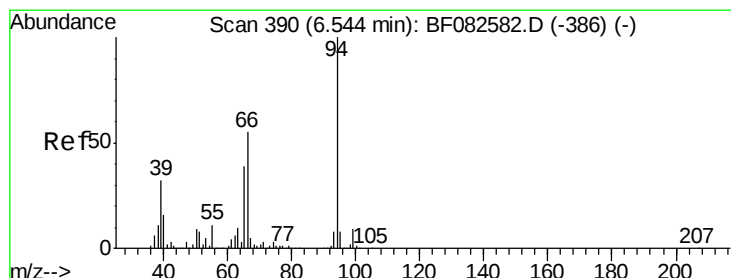
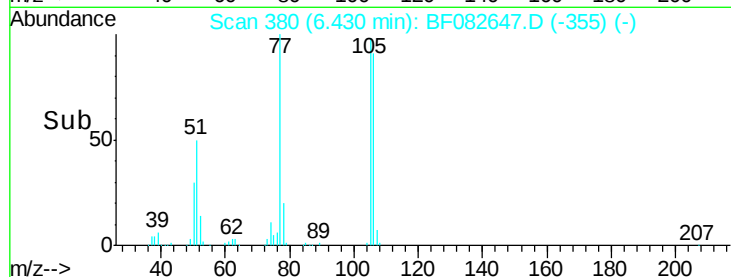
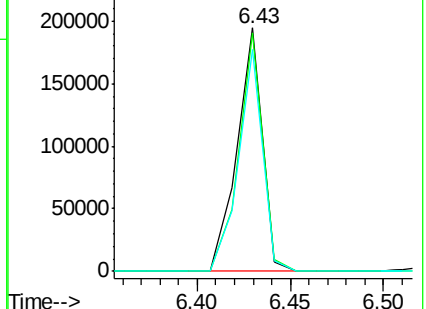
106 91.3 59.3 99.3



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: 32.65 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

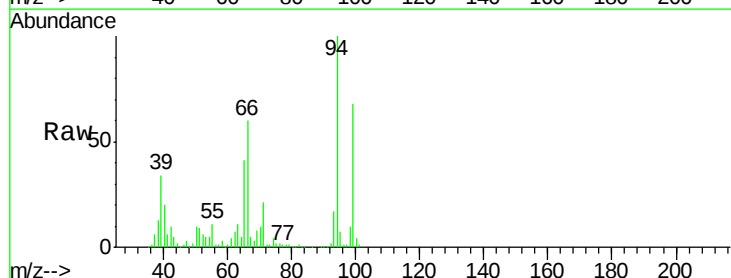
Tgt Ion: 94 Resp: 627819

Ion Ratio Lower Upper

94 100

65 40.5 18.9 58.9

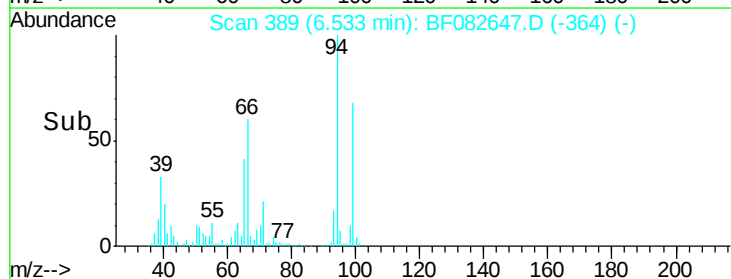
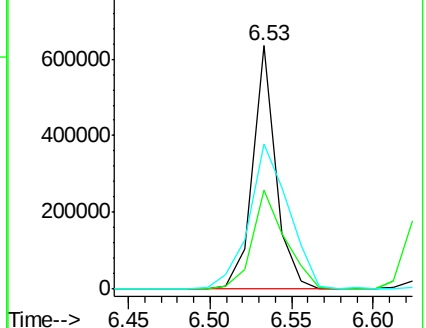
66 59.7 34.9 74.9

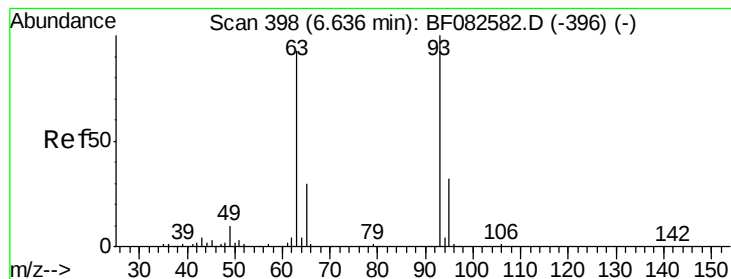


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.26 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

Instrument :

BNA_F

ClientSampleId :

T-16CMS

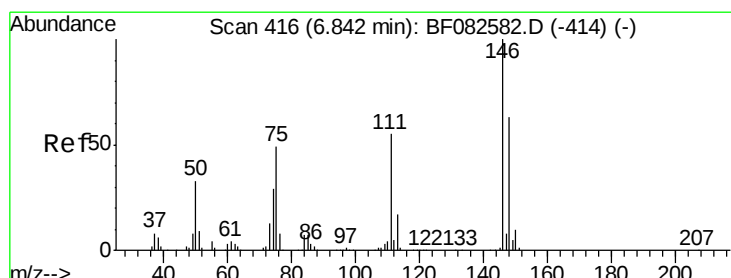
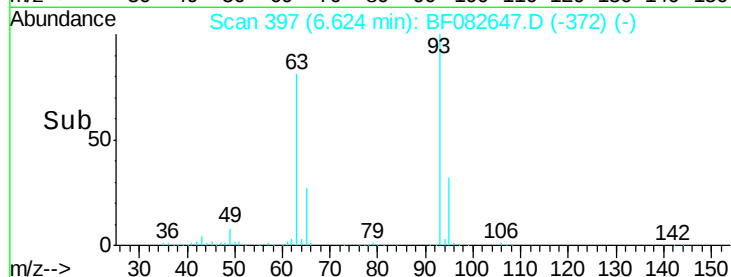
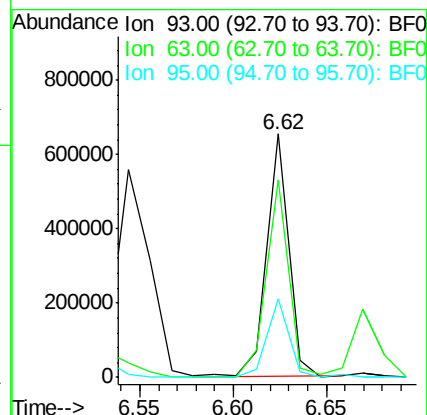
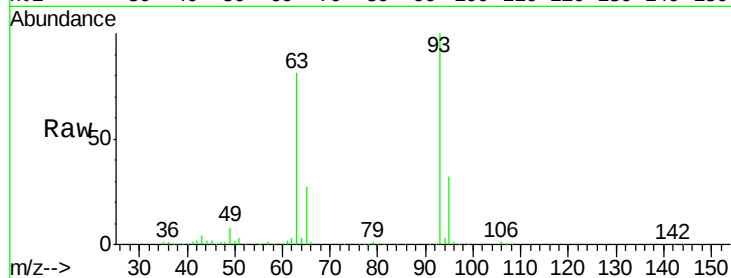
Tot Ion: 93 Resp: 528507

Ion Ratio Lower Upper

93 100

63 81.0 72.7 112.7

95 32.1 12.0 52.0



#12

1,3-Dichlorobenzene

Concen: 33.96 ng m

RT: 6.83 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

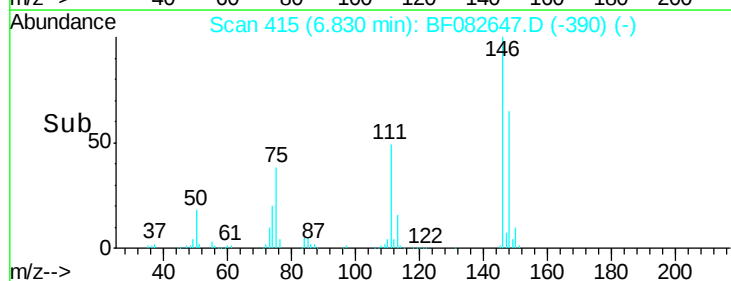
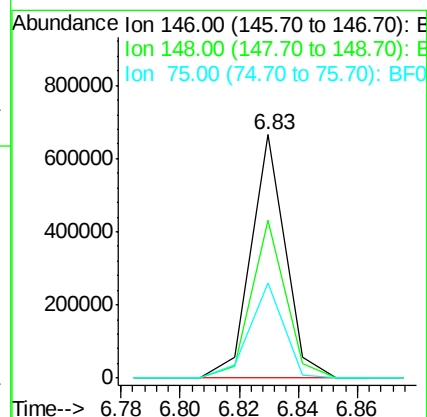
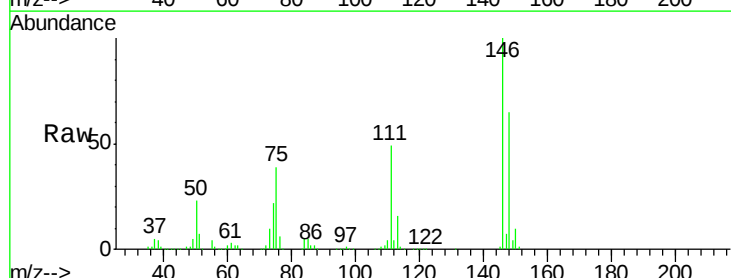
Tgt Ion: 146 Resp: 535113

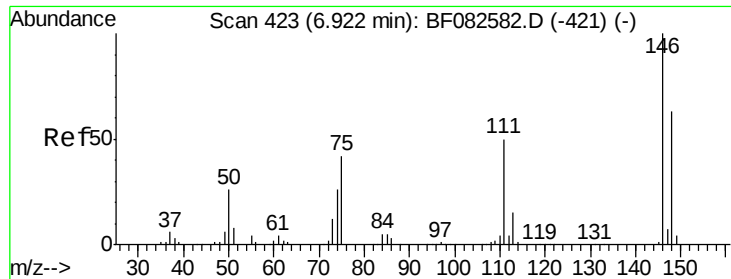
Ion Ratio Lower Upper

146 100

148 64.9 50.5 75.7

75 38.8 39.5 59.3#

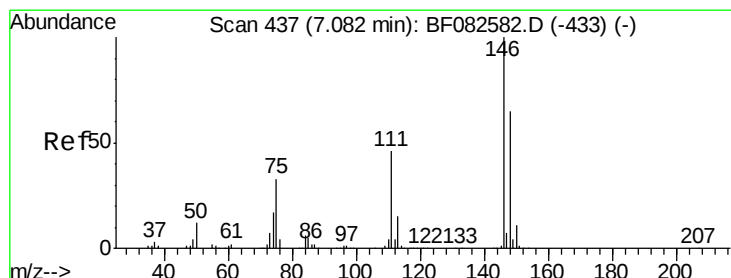
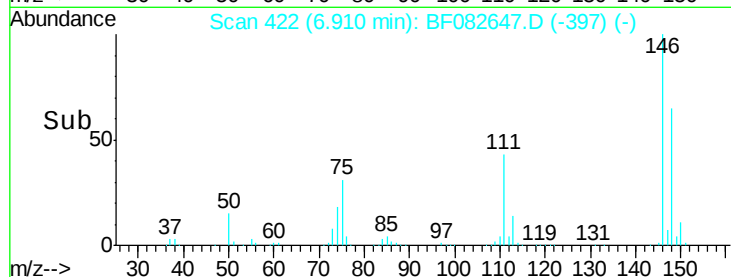
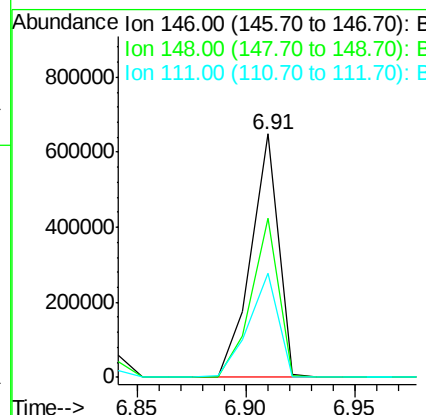
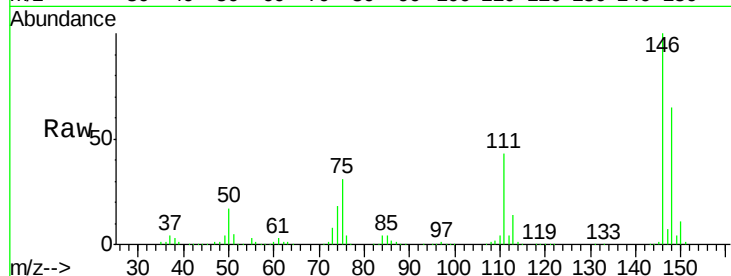




#13
 1,4-Dichlorobenzene
 Concen: 36.57 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BF082647.D
 Acq: 2 Nov 2015 23:00

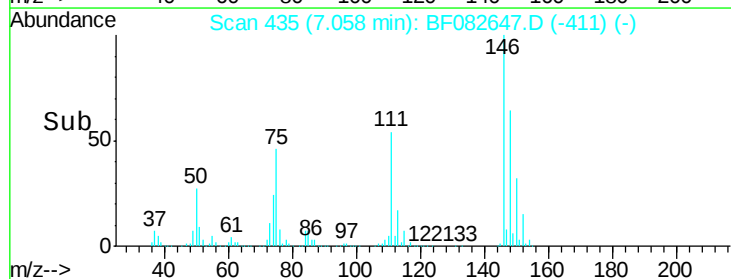
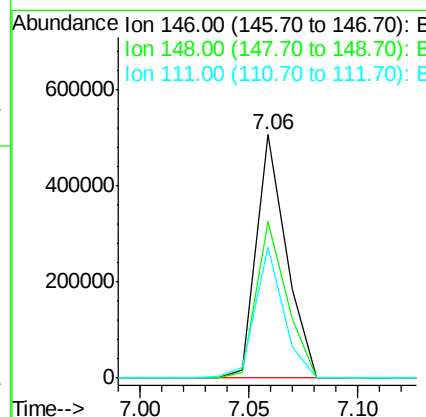
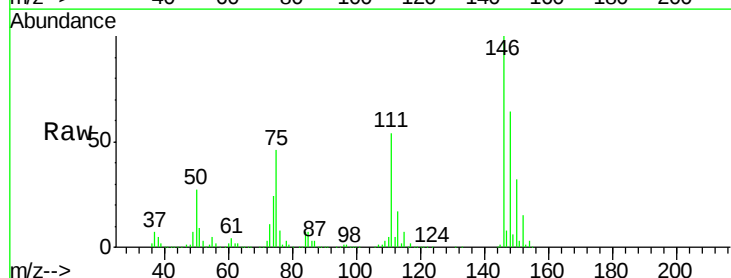
Instrument :
 BNA_F
 ClientSampleId :
 T-16CMS

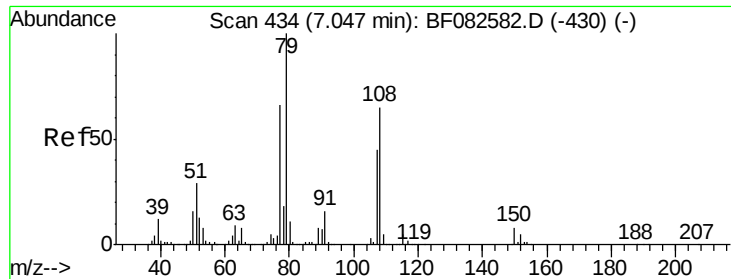
Tot Ion:146 Resp: 571534
 Ion Ratio Lower Upper
 146 100
 148 65.3 50.8 76.2
 111 42.8 40.6 60.8



#14
 1,2-Dichlorobenzene
 Concen: 33.57 ng
 RT: 7.06 min Scan# 435
 Delta R.T. -0.02 min
 Lab File: BF082647.D
 Acq: 2 Nov 2015 23:00

Tgt Ion:146 Resp: 486969
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.2 78.4
 111 53.8 36.6 55.0





#15

Benzyl Alcohol

Concen: 36.26 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

Instrument :

BNA_F

ClientSampleId :

T-16CMS

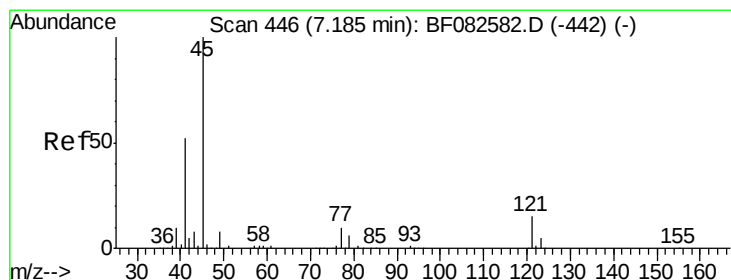
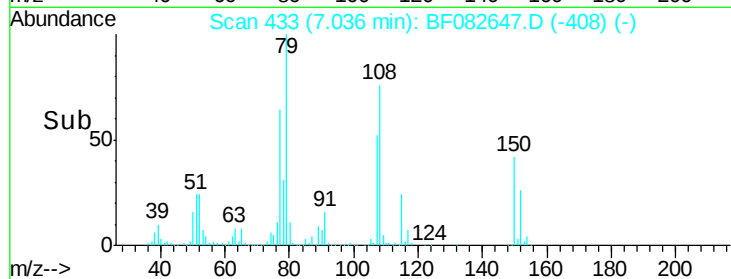
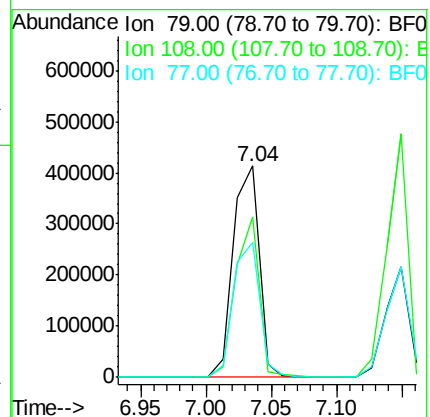
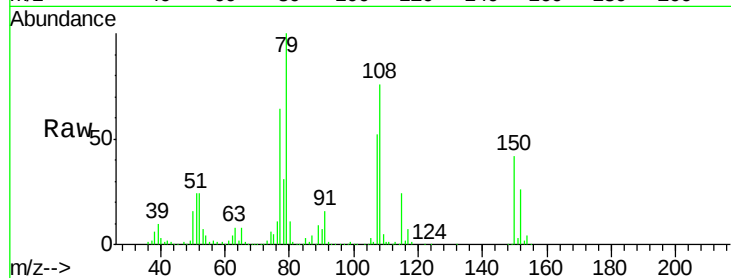
Tot Ion: 79 Resp: 573674

Ion Ratio Lower Upper

79 100

108 75.8 52.2 78.4

77 63.6 52.7 79.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.45 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

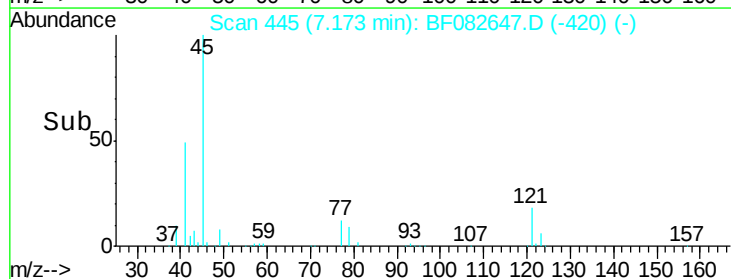
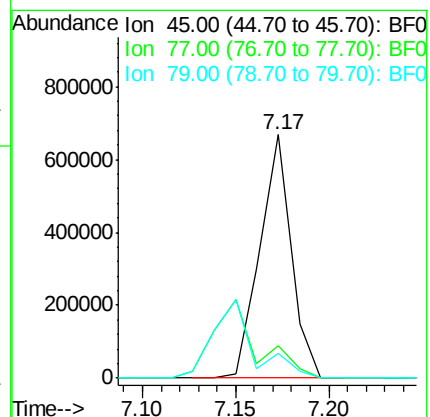
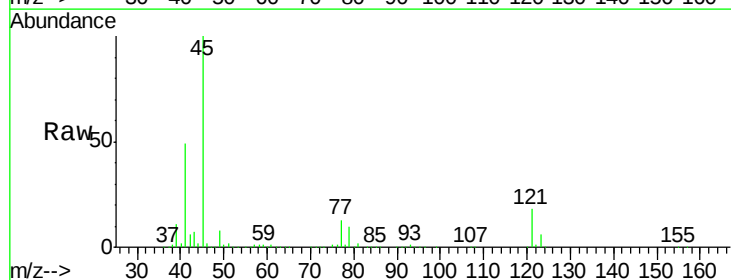
Tgt Ion: 45 Resp: 776674

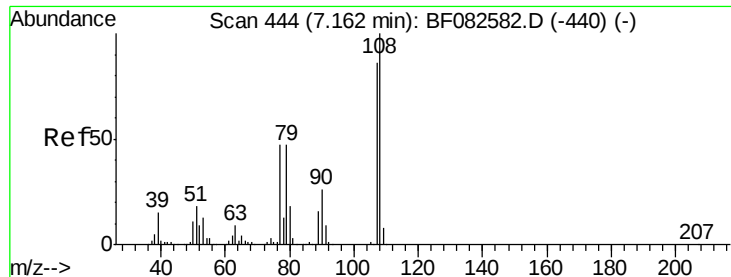
Ion Ratio Lower Upper

45 100

77 13.4 0.0 32.6

79 10.3 0.0 29.2





#17

2-Methylphenol

Concen: 39.92 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

Instrument :

BNA_F

ClientSampleId :

T-16CMS

Tot Ion:107 Resp: 469074

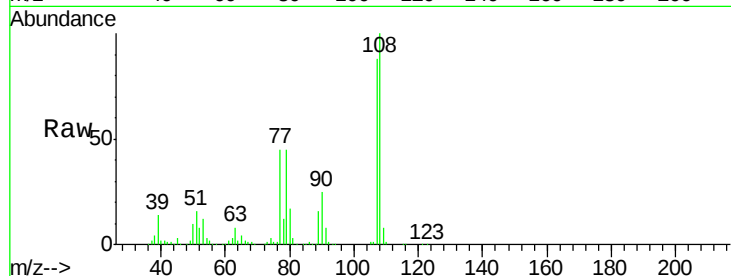
Ion Ratio Lower Upper

107 100

108 113.6 93.0 139.4

77 51.4 44.1 66.1

79 51.6 43.6 65.4

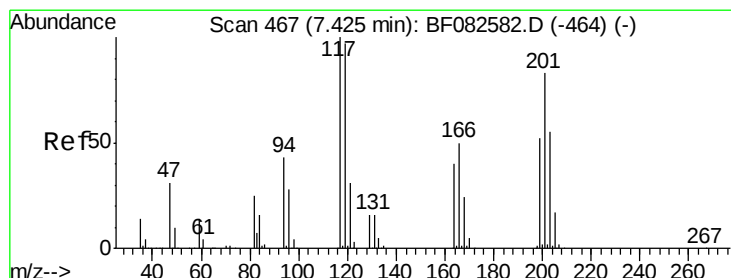
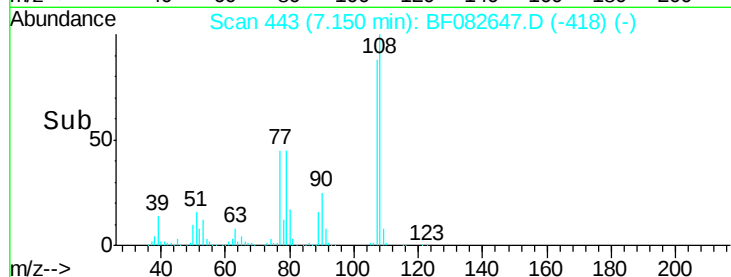
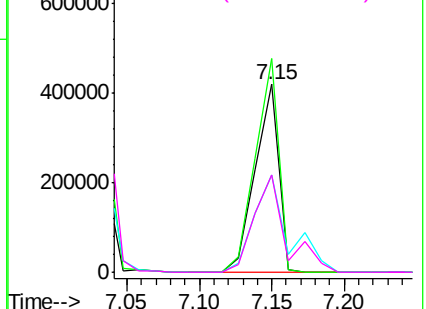


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 28.16 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

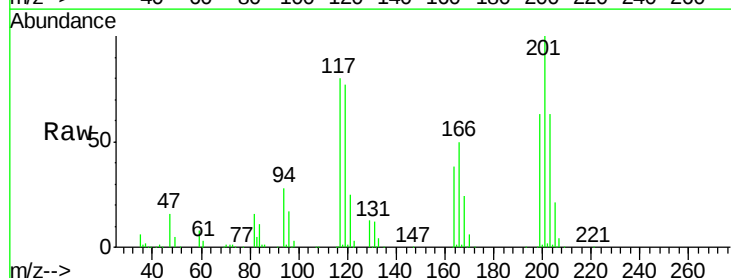
Tgt Ion:117 Resp: 171774

Ion Ratio Lower Upper

117 100

119 96.3 77.7 116.5

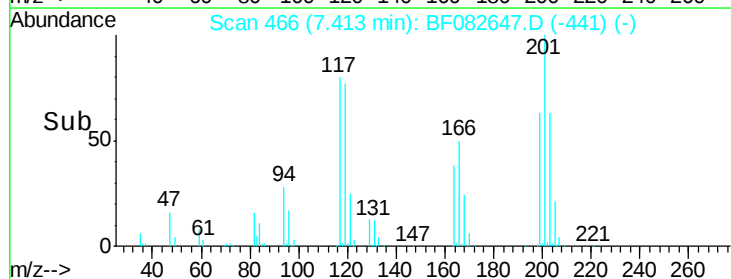
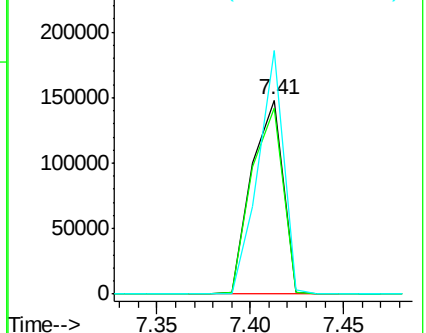
201 125.7 66.7 100.1#

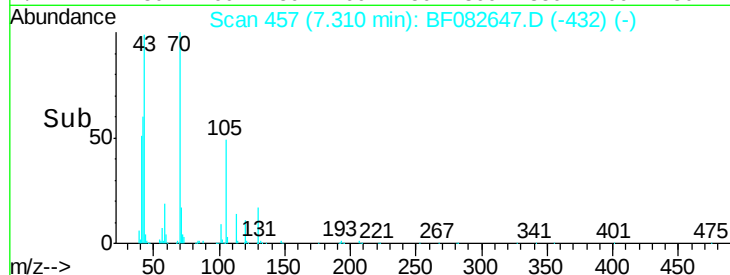
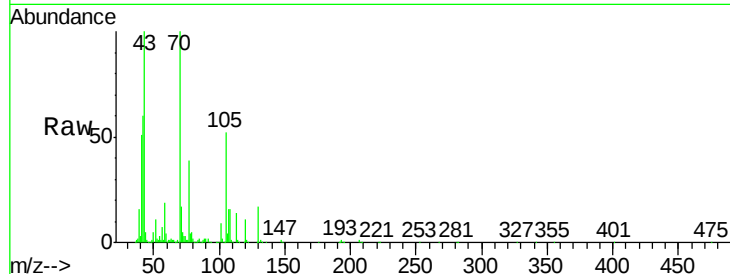
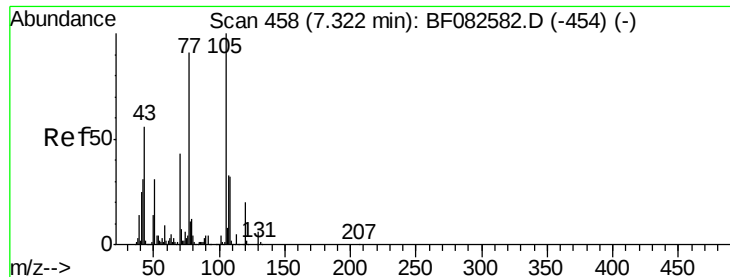


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

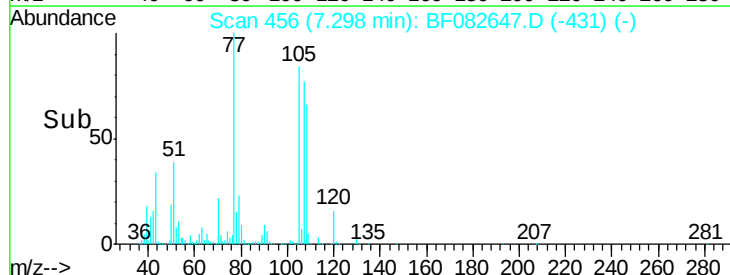
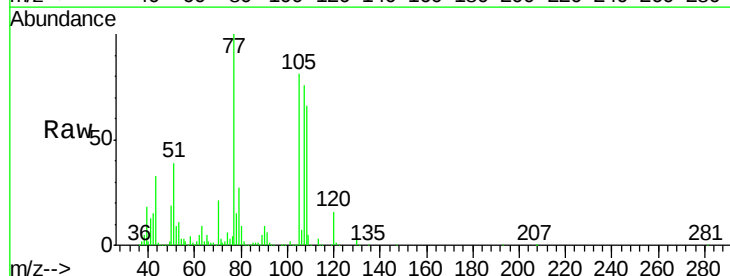
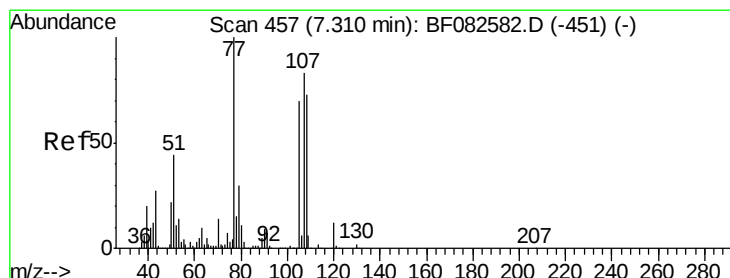
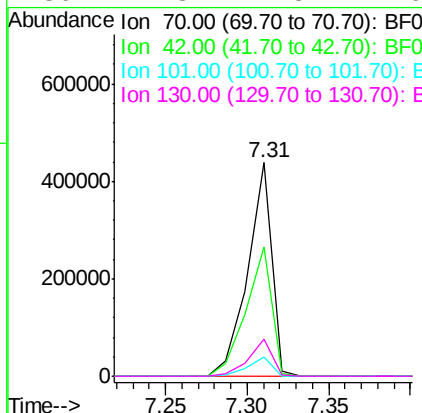




#19
n-Nitroso-di-n-propylamine
Concen: 34.92 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF082647.D
Acq: 2 Nov 2015 23:00

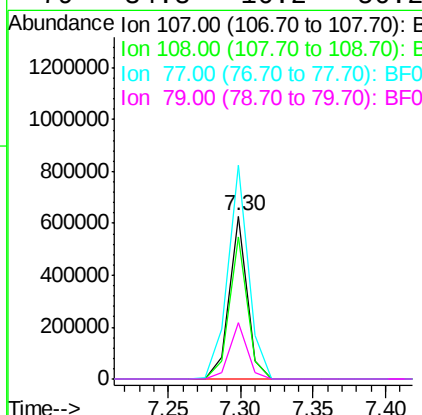
Instrument :
BNA_F
ClientSampleId :
T-16CMS

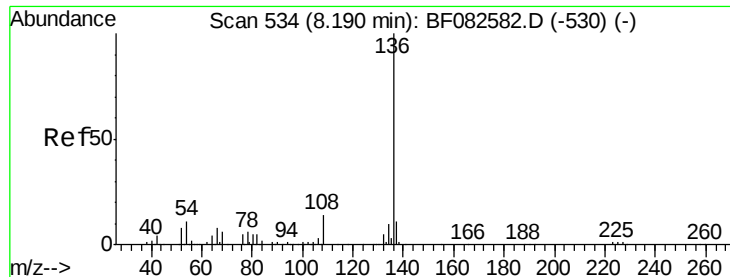
Tot Ion: 70 Resp: 449123
Ion Ratio Lower Upper
70 100
42 60.4 57.7 86.5
101 8.7 7.0 10.6
130 17.3 11.8 17.6



#20
3+4-Methylphenols
Concen: 35.25 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF082647.D
Acq: 2 Nov 2015 23:00

Tgt Ion:107 Resp: 538311
Ion Ratio Lower Upper
107 100
108 87.2 67.3 107.3
77 131.1 100.3 140.3
79 34.8 16.2 56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

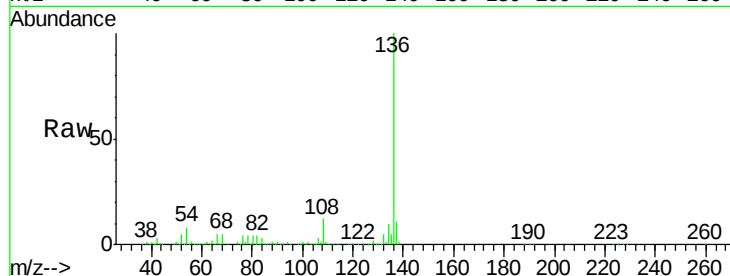
Instrument :

BNA_F

ClientSampleId :

T-16CMS

Tot Ion:136	Resp:	732850
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.1 13.7
54	8.2	9.1 13.7#
68	5.0	4.8 7.2



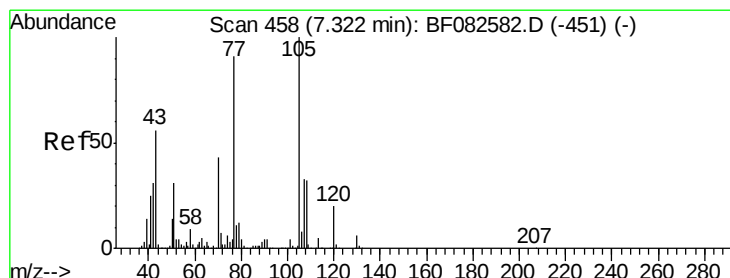
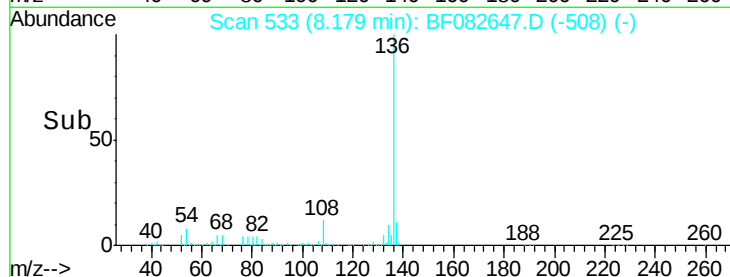
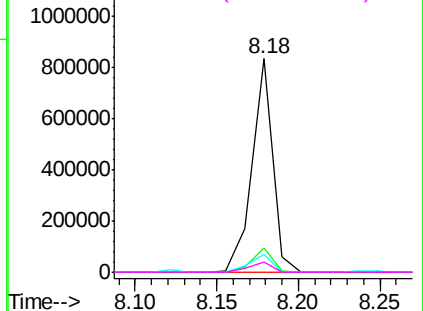
Abundance

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: 33.93 ng

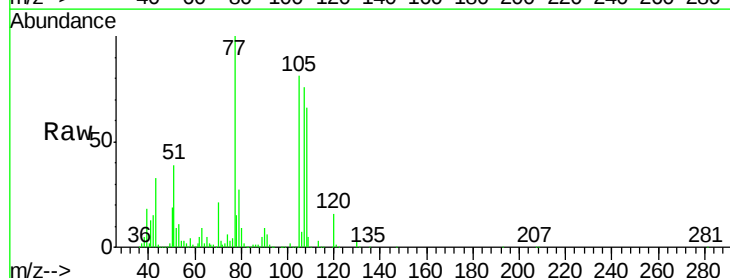
RT: 7.30 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

Tgt Ion:105	Resp:	731962
Ion Ratio	Lower	Upper
105	100	
71	4.3	5.6 8.4#
51	47.7	24.9 37.3#
120	19.1	15.8 23.8



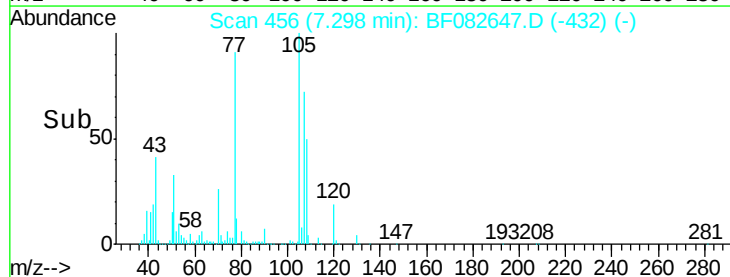
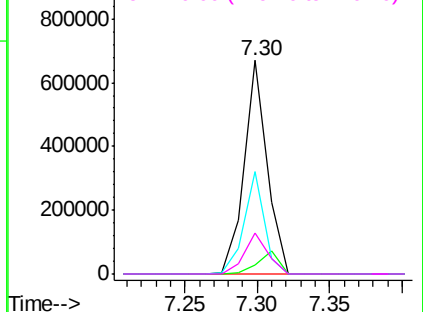
Abundance

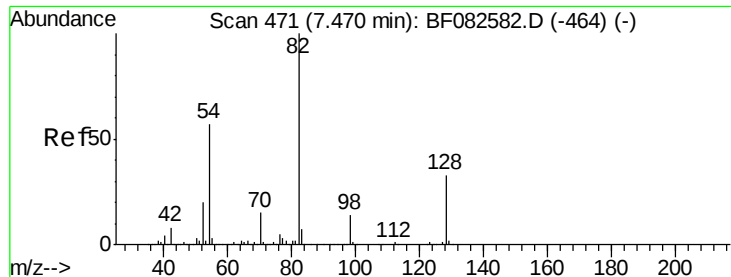
Ion 105.00 (104.70 to 105.70): E

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

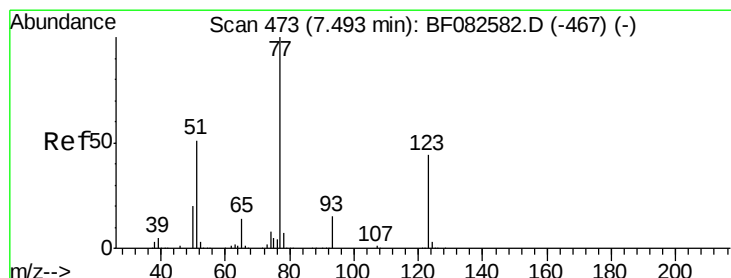
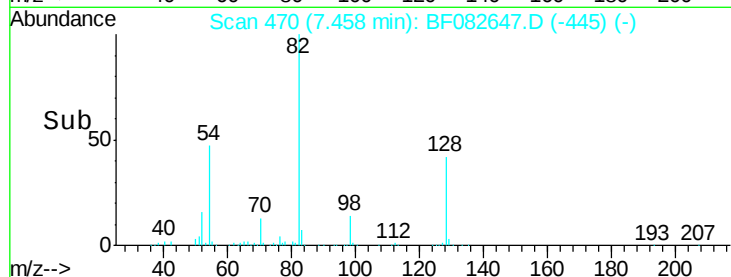
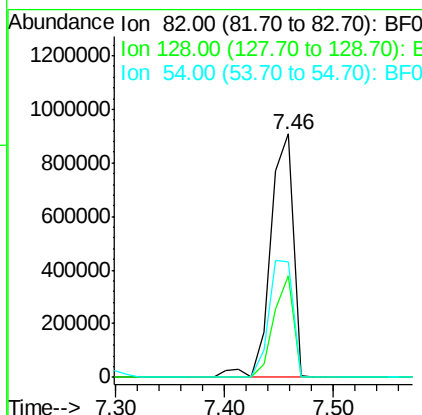
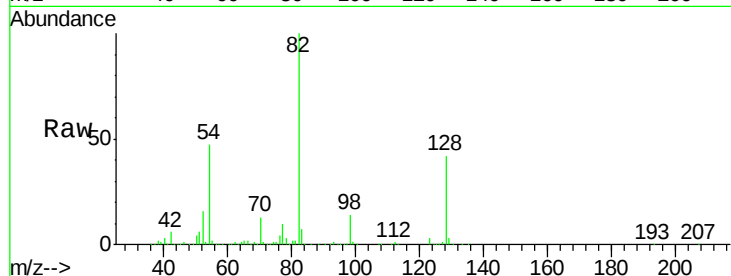




#23
Nitrobenzene-d5
Concen: 73.04 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF082647.D
Acq: 2 Nov 2015 23:00

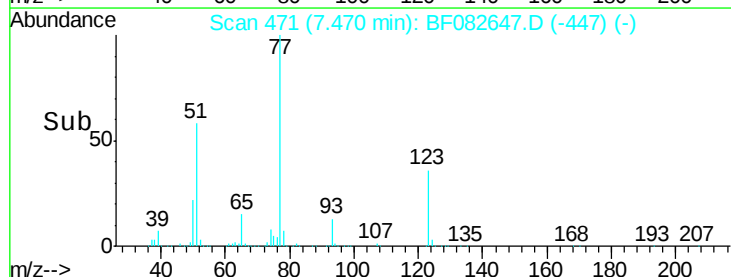
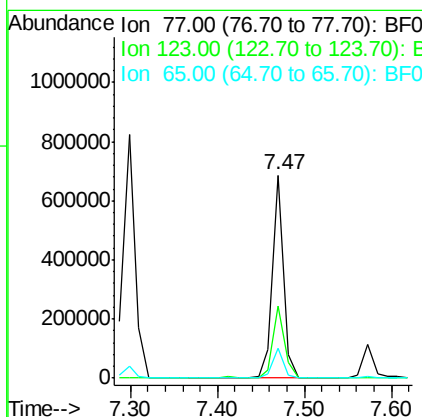
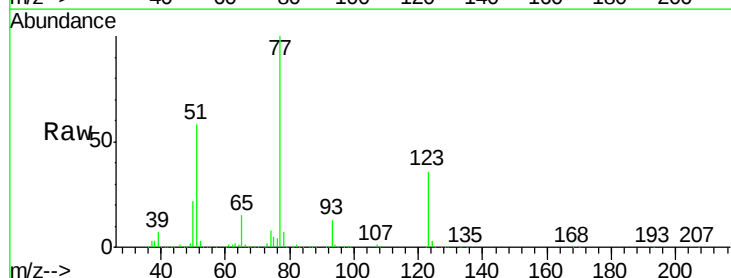
Instrument :
BNA_F
ClientSampleId :
T-16CMS

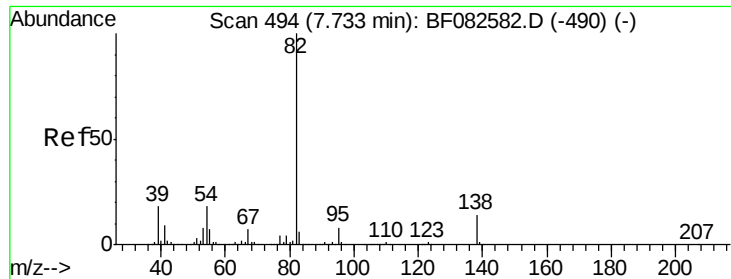
Tot Ion: 82 Resp: 1310792
Ion Ratio Lower Upper
82 100
128 41.8 26.8 40.2#
54 47.4 45.7 68.5



#24
Nitrobenzene
Concen: 32.96 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.02 min
Lab File: BF082647.D
Acq: 2 Nov 2015 23:00

Tgt Ion: 77 Resp: 597981
Ion Ratio Lower Upper
77 100
123 35.5 36.4 54.6#
65 14.9 11.5 17.3





#25

Isophorone

Concen: 34.08 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

Instrument :

BNA_F

ClientSampleId :

T-16CMS

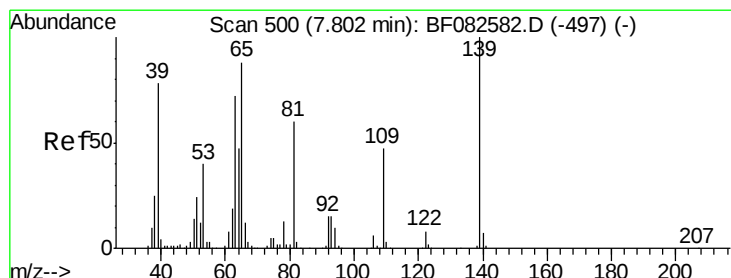
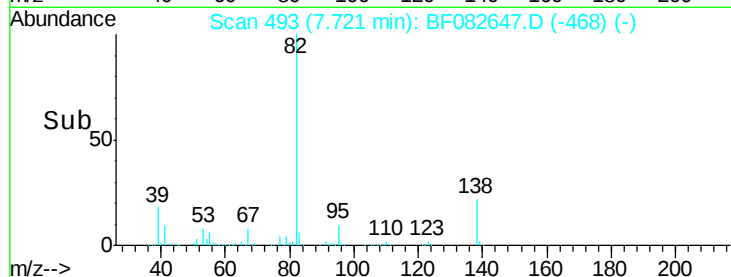
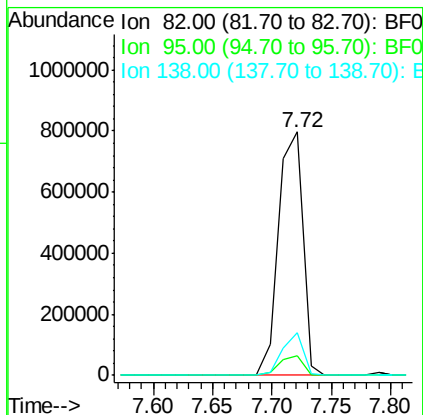
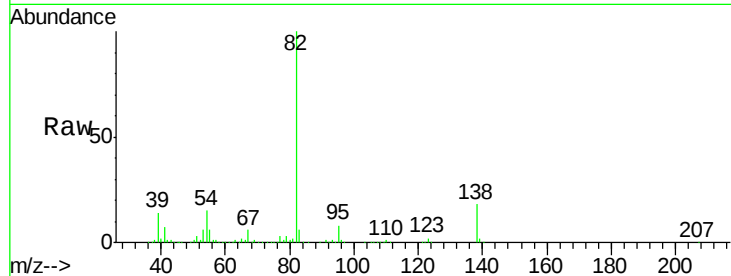
Tot Ion: 82 Resp: 1125230

Ion Ratio Lower Upper

82 100

95 8.2 6.6 9.8

138 17.7 11.4 17.0#



#26

2-Nitrophenol

Concen: 37.37 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

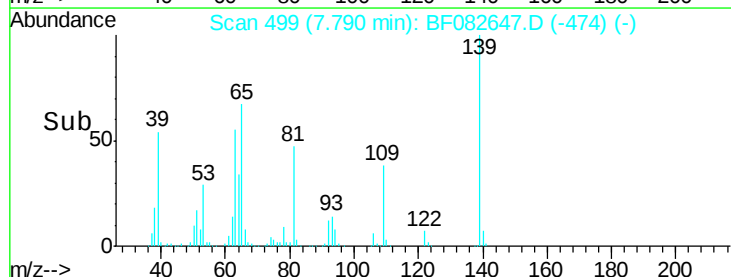
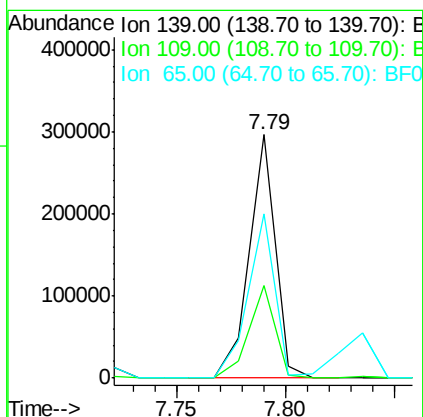
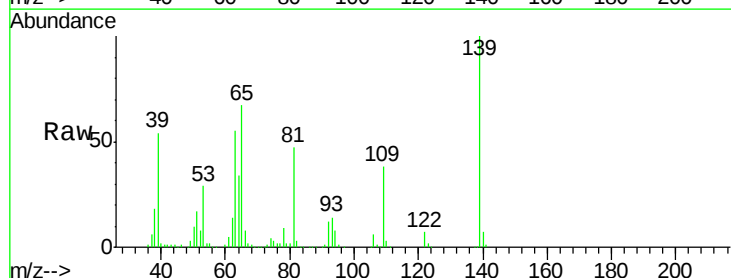
Tgt Ion: 139 Resp: 247606

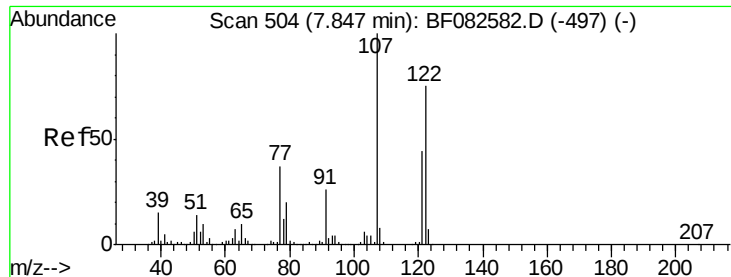
Ion Ratio Lower Upper

139 100

109 38.0 37.6 56.4

65 67.3 70.6 105.8#





#27

2,4-Dimethylphenol

Concen: 40.55 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

Instrument :

BNA_F

ClientSampleId :

T-16CMS

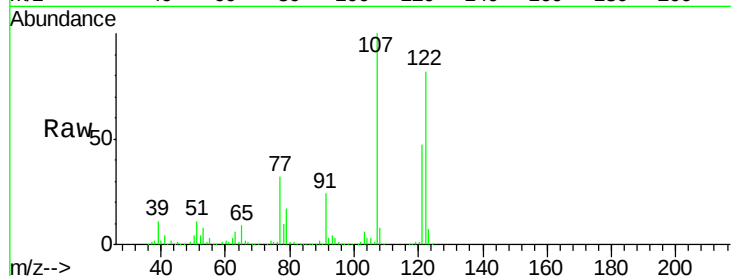
Tot Ion:122 Resp: 524499

Ion Ratio Lower Upper

122 100

107 121.8 106.0 159.0

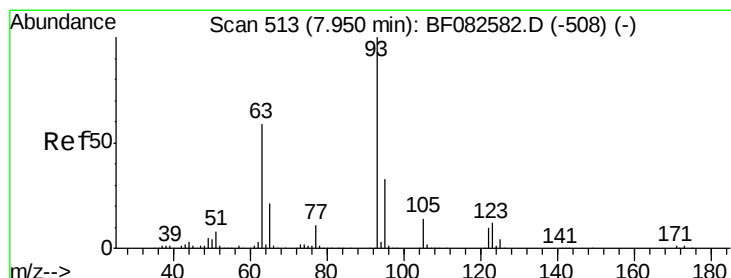
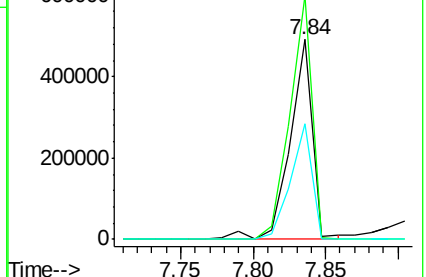
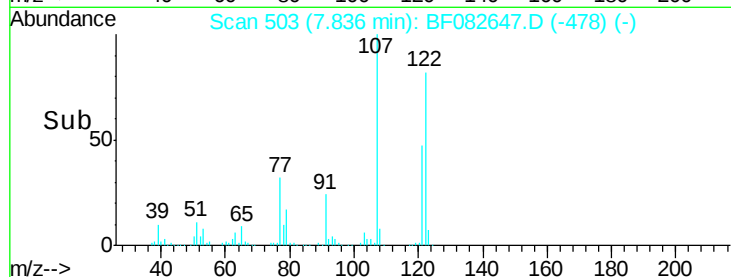
121 57.6 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.50 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.02 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

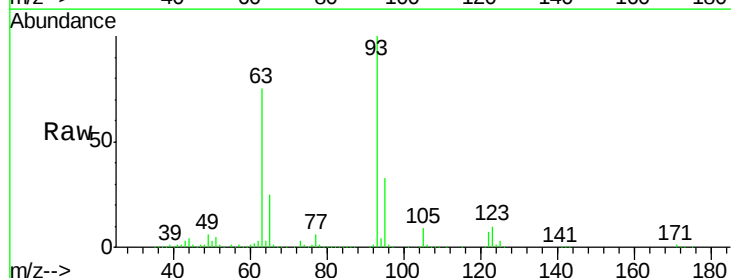
Tgt Ion: 93 Resp: 641126

Ion Ratio Lower Upper

93 100

95 33.4 26.6 40.0

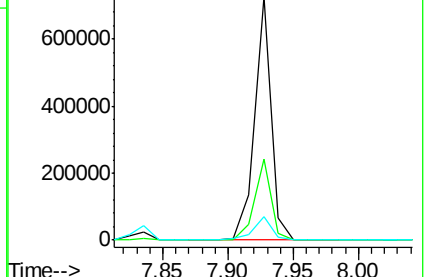
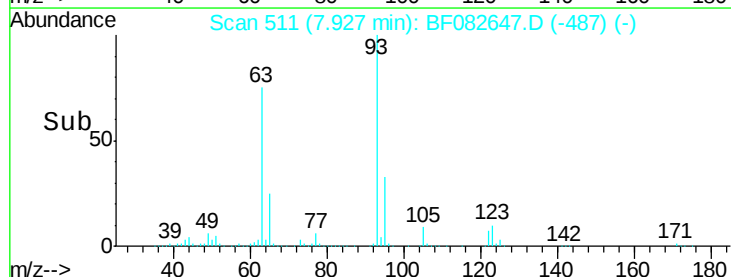
123 9.8 9.7 14.5

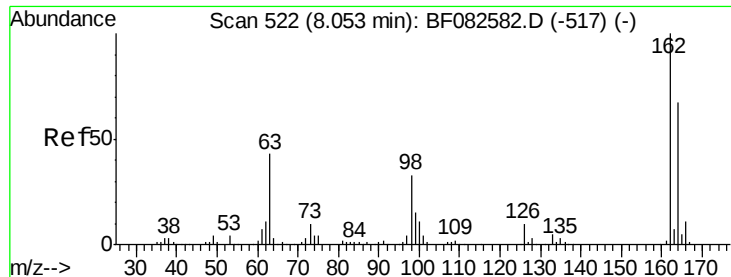


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

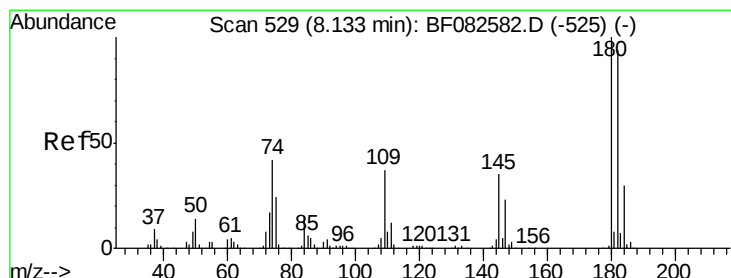
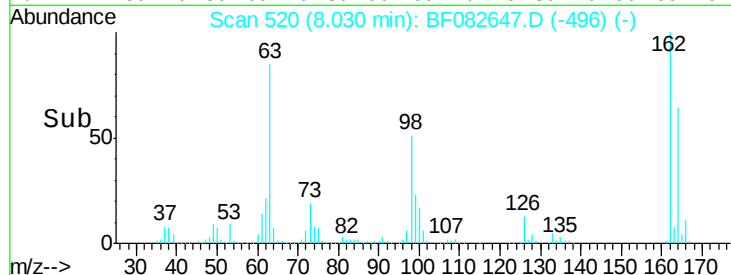
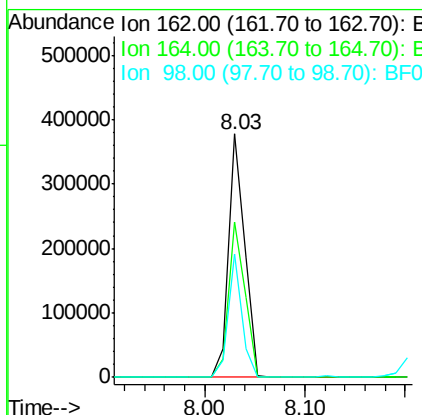
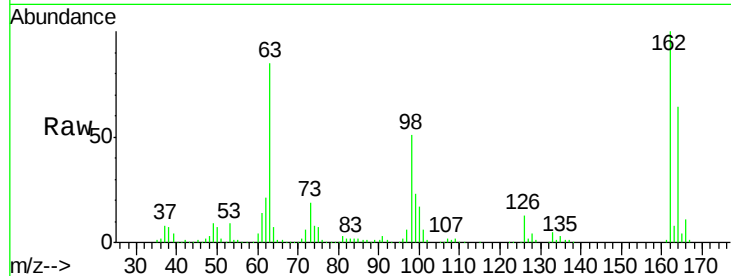




#29
 2,4-Dichlorophenol
 Concen: 35.59 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.02 min
 Lab File: BF082647.D
 Acq: 2 Nov 2015 23:00

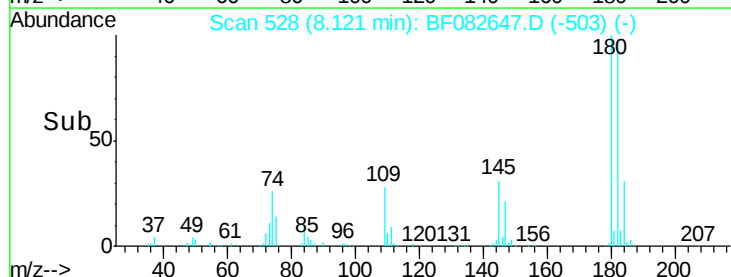
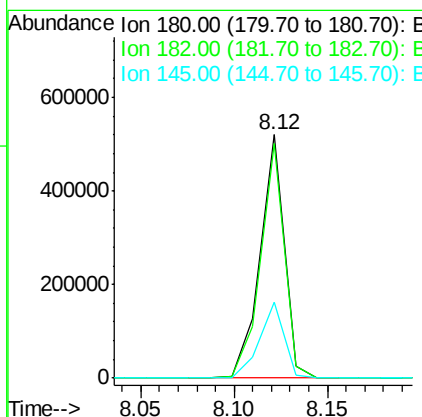
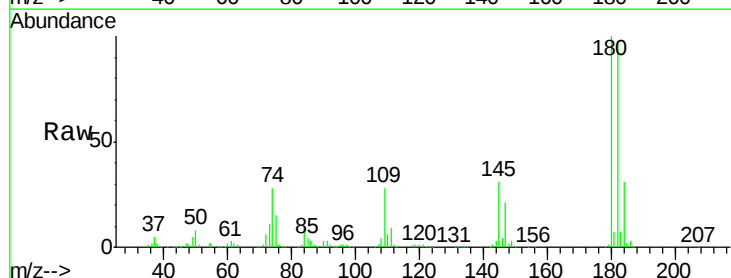
Instrument :
 BNA_F
 ClientSampled :
 T-16CMS

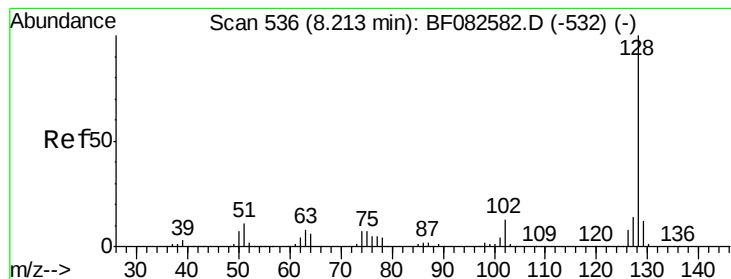
Tot Ion:162 Resp: 419664
 Ion Ratio Lower Upper
 162 100
 164 63.9 46.8 86.8
 98 50.7 12.5 52.5



#30
 1,2,4-Trichlorobenzene
 Concen: 35.35 ng
 RT: 8.12 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: BF082647.D
 Acq: 2 Nov 2015 23:00

Tgt Ion:180 Resp: 462613
 Ion Ratio Lower Upper
 180 100
 182 96.6 74.9 112.3
 145 31.0 27.8 41.8





#31

Naphthalene

Concen: 37.37 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

Instrument :

BNA_F

ClientSampleId :

T-16CMS

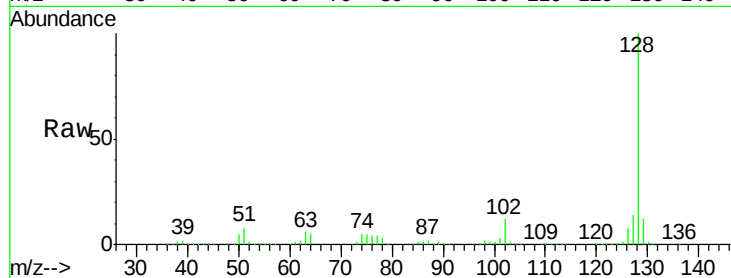
Tot Ion:128 Resp: 1482075

Ion Ratio Lower Upper

128 100

129 11.9 9.5 14.3

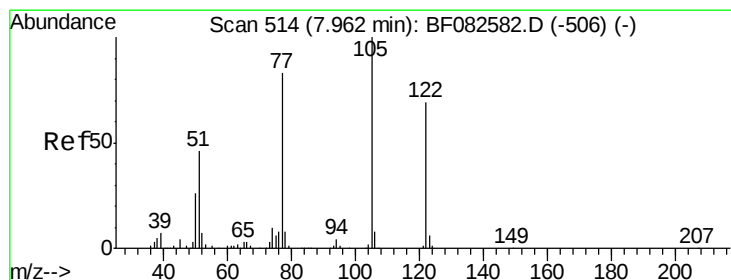
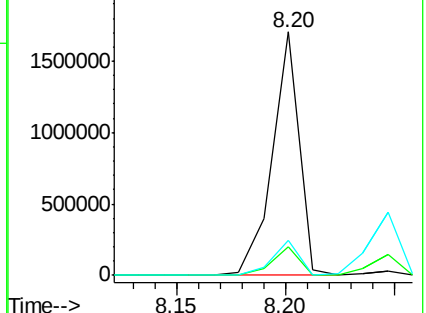
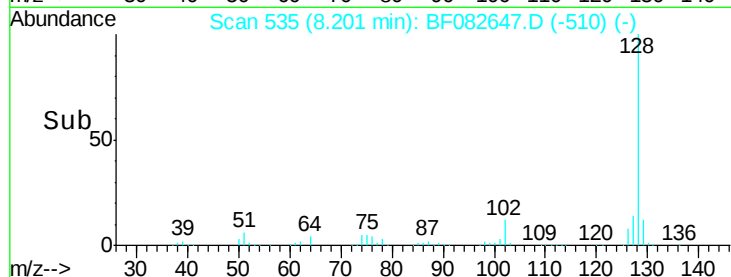
127 14.3 11.4 17.0



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: 15.62 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.05 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

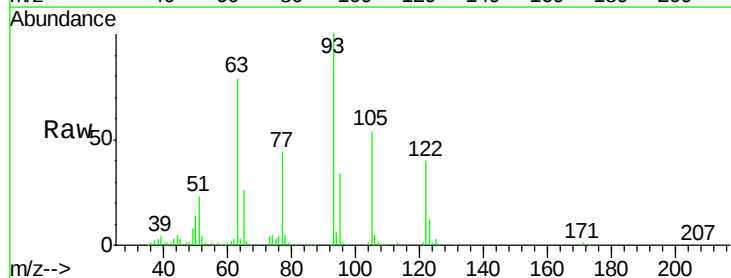
Tgt Ion:122 Resp: 146537

Ion Ratio Lower Upper

122 100

105 137.6 122.6 162.6

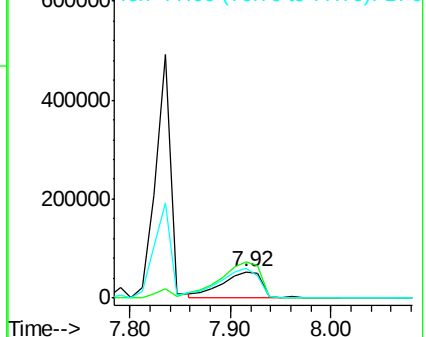
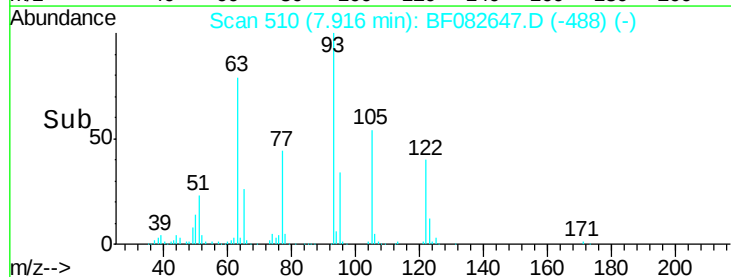
77 112.5 100.9 140.9

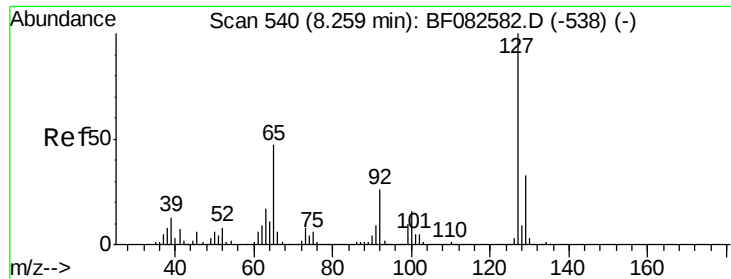


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

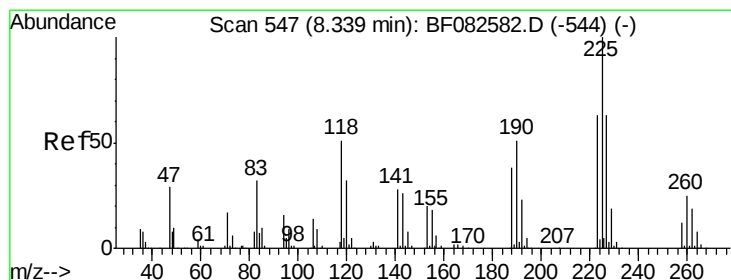
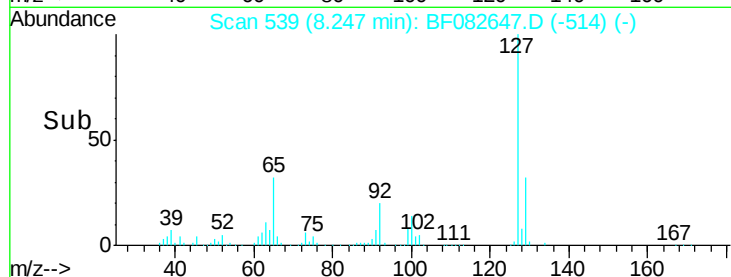
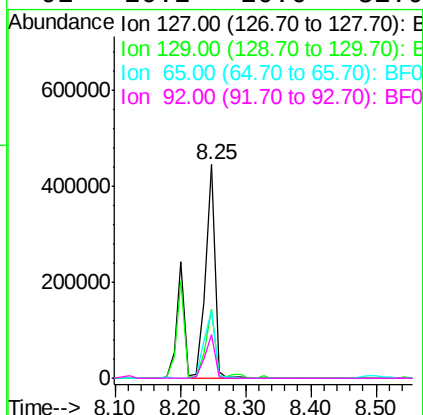
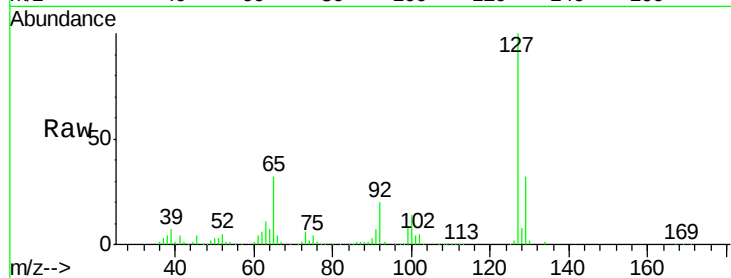




#33
 4-Chloroaniline
 Concen: 25.92 ng
 RT: 8.25 min Scan# 539
 Delta R.T. -0.01 min
 Lab File: BF082647.D
 Acq: 2 Nov 2015 23:00

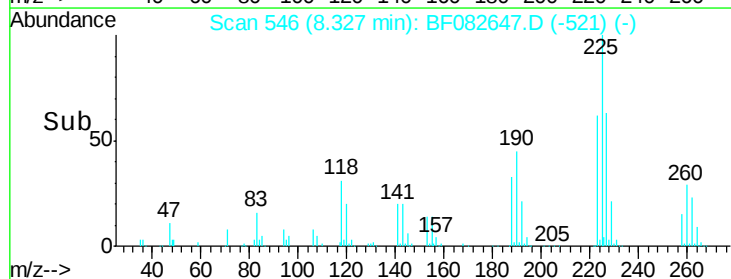
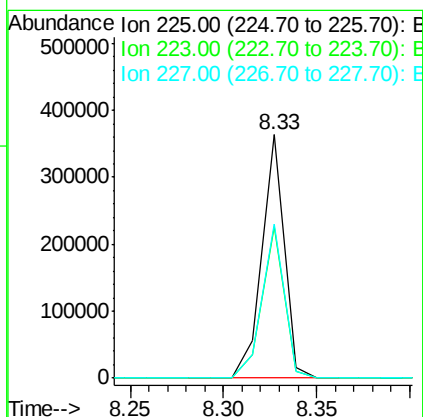
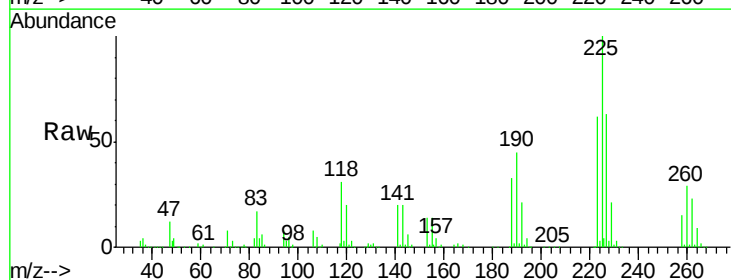
Instrument :
 BNA_F
 ClientSampleId :
 T-16CMS

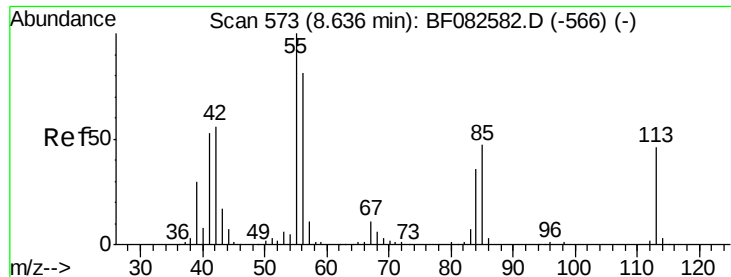
Tot Ion:127	Resp:	438779
Ion	Ratio	Lower Upper
127	100	
129	32.4	26.3 39.5
65	31.8	37.8 56.8#
92	20.2	20.6 31.0#



#34
 Hexachlorobutadiene
 Concen: 35.88 ng
 RT: 8.33 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF082647.D
 Acq: 2 Nov 2015 23:00

Tgt Ion:225	Resp:	298592
Ion	Ratio	Lower Upper
225	100	
223	62.2	50.5 75.7
227	63.4	50.2 75.2

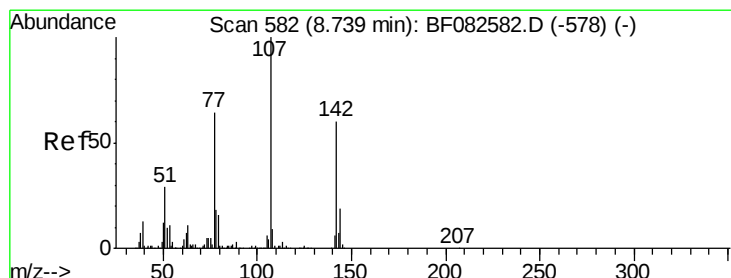
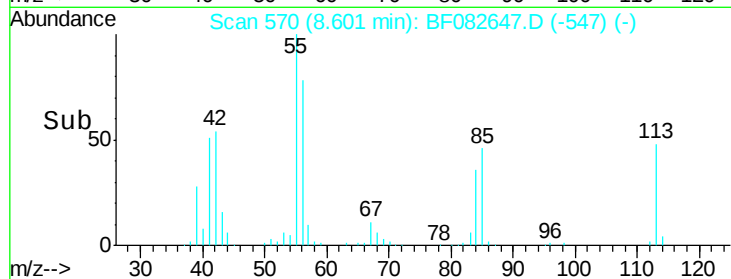
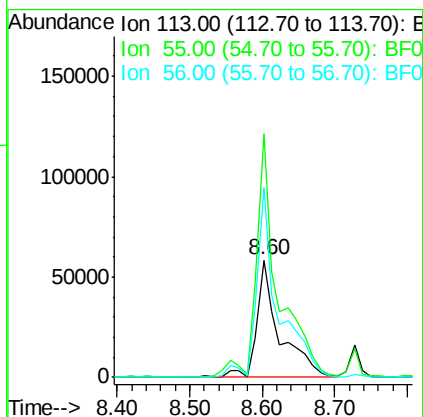
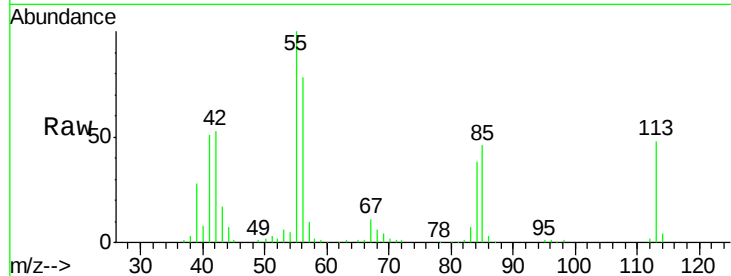




#35
 Caprolactam
 Concen: 35.70 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.03 min
 Lab File: BF082647.D
 Acq: 2 Nov 2015 23:00

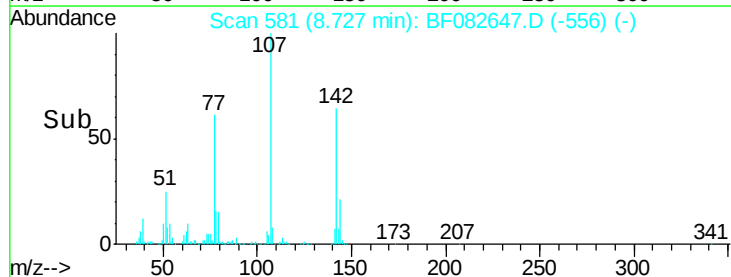
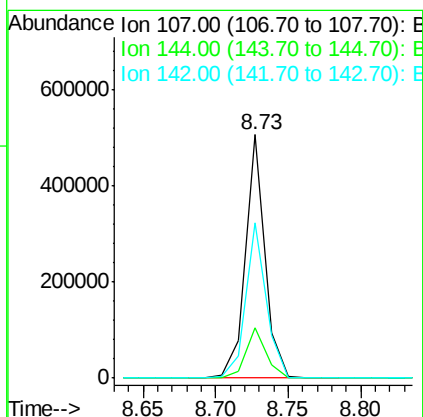
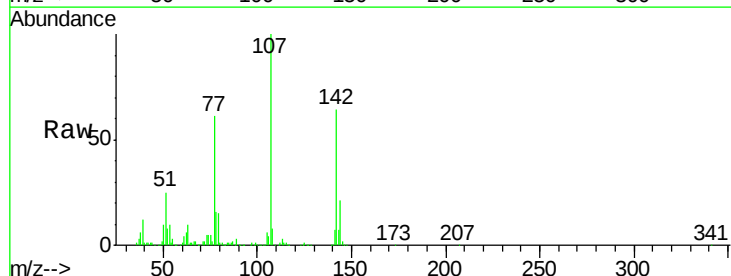
Instrument :
 BNA_F
 ClientSampleId :
 T-16CMS

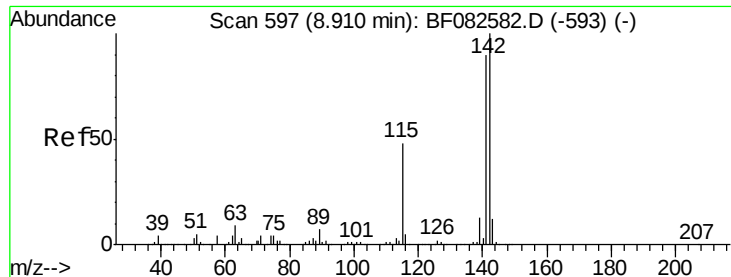
Tot Ion:113 Resp: 129139
 Ion Ratio Lower Upper
 113 100
 55 207.8 195.5 235.5
 56 161.7 153.5 193.5



#36
 4-Chloro-3-methylphenol
 Concen: 34.05 ng
 RT: 8.73 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: BF082647.D
 Acq: 2 Nov 2015 23:00

Tgt Ion:107 Resp: 472720
 Ion Ratio Lower Upper
 107 100
 144 20.6 15.4 23.0
 142 63.6 47.8 71.8

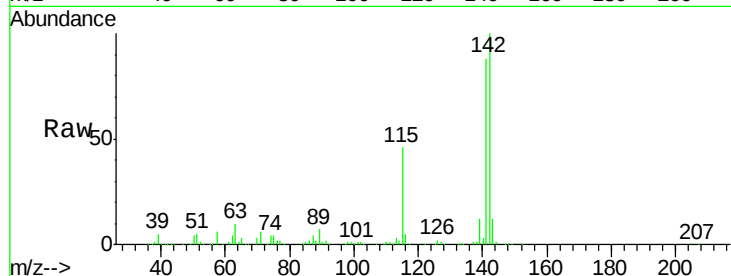




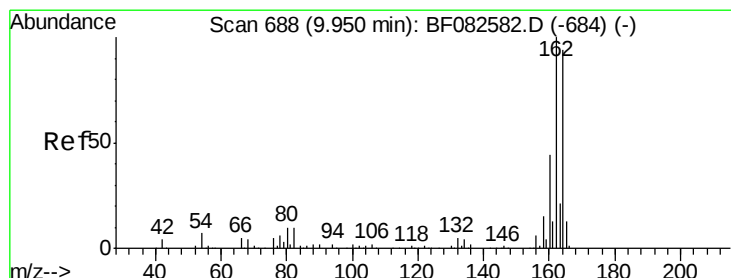
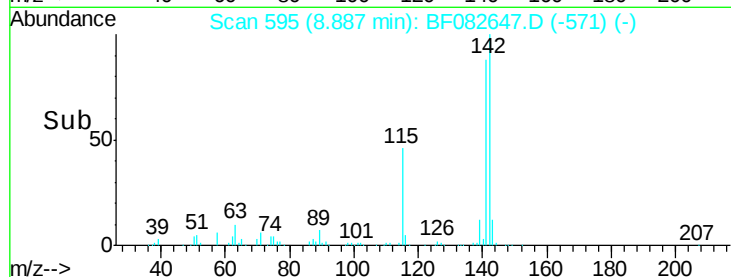
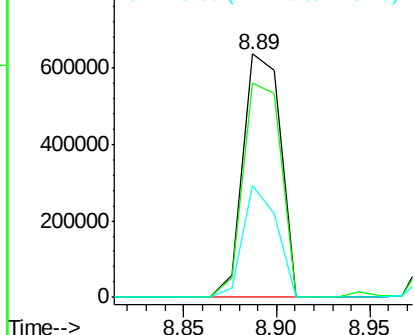
#37
2-Methylnaphthalene
Concen: 34.37 ng
RT: 8.89 min Scan# 595
Delta R.T. -0.02 min
Lab File: BF082647.D
Acq: 2 Nov 2015 23:00

Instrument :
BNA_F
ClientSampleId :
T-16CMS

Tot Ion:142 Resp: 883433
Ion Ratio Lower Upper
142 100
141 88.2 72.3 108.5
115 45.9 38.1 57.1

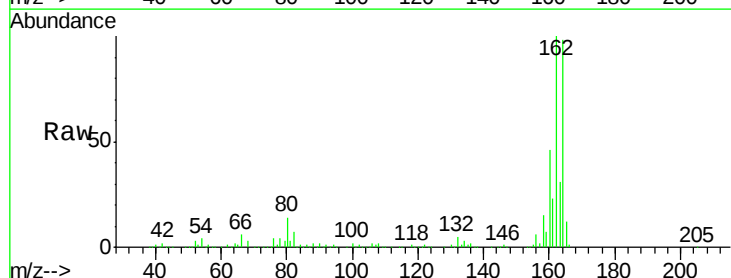


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

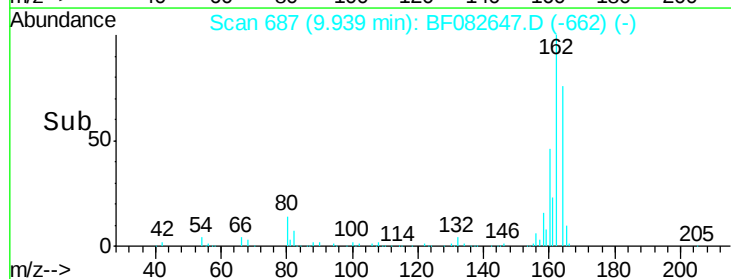
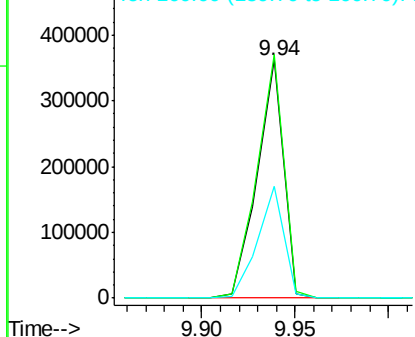


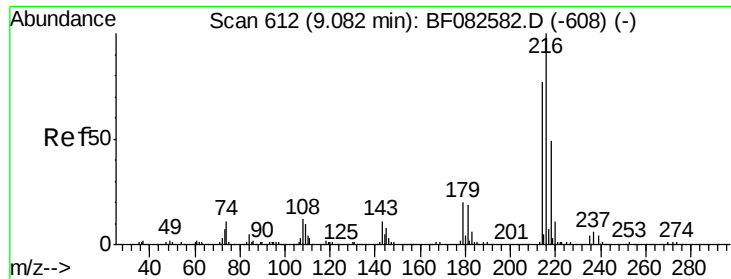
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF082647.D
Acq: 2 Nov 2015 23:00

Tgt Ion:164 Resp: 352027
Ion Ratio Lower Upper
164 100
162 102.2 84.9 127.3
160 46.7 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

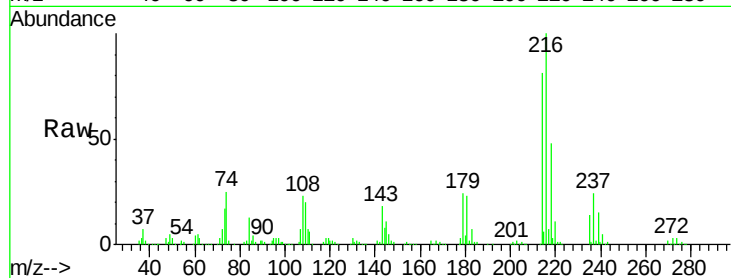




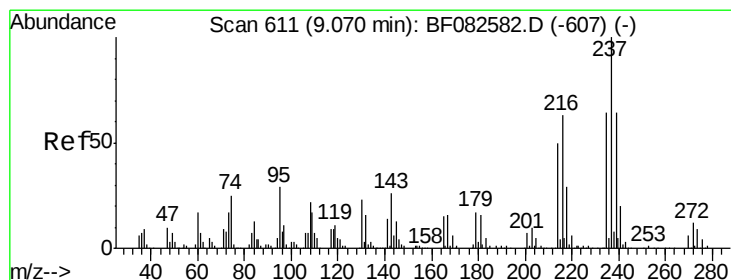
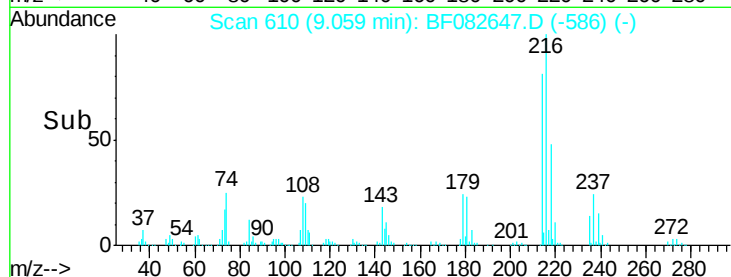
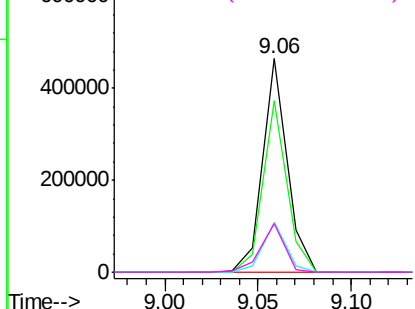
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.71 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF082647.D
 Acq: 2 Nov 2015 23:00

Instrument :
 BNA_F
 ClientSampleId :
 T-16CMS

Tot Ion:	216	Resp:	419522
Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.2	93.2
179	22.5	18.1	27.1
108	21.8	16.6	25.0

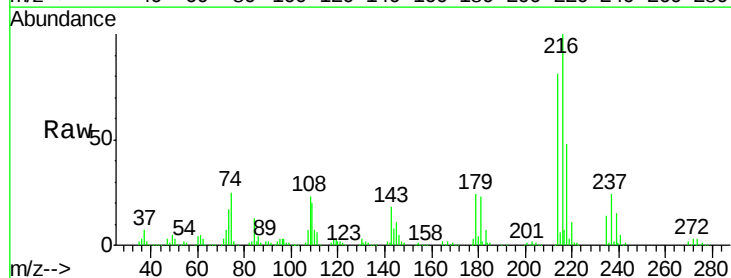


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

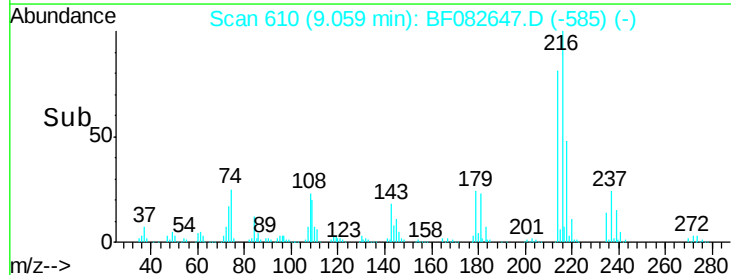
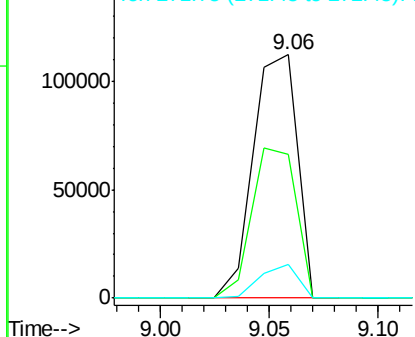


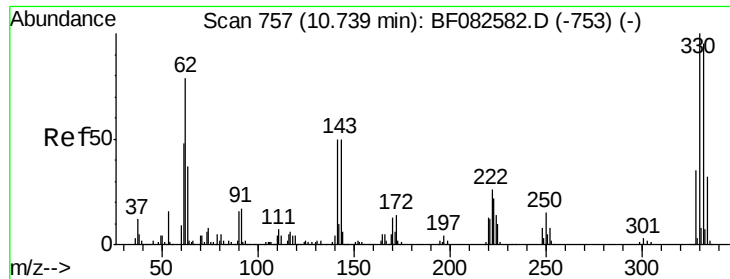
#40
 Hexachlorocyclopentadiene
 Concen: 21.58 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF082647.D
 Acq: 2 Nov 2015 23:00

Tgt Ion:	237	Resp:	159351
Ion	Ratio	Lower	Upper
237	100		
235	59.3	44.3	84.3
272	14.0	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

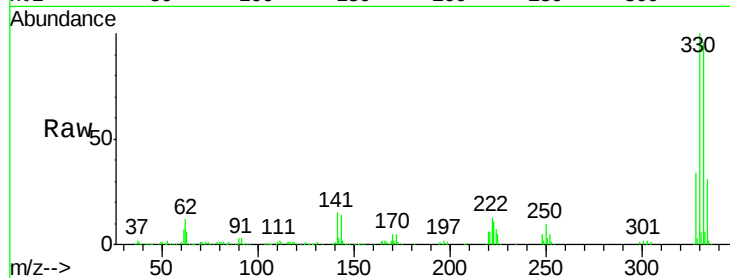




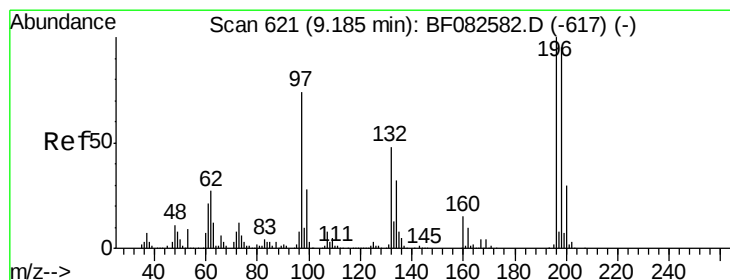
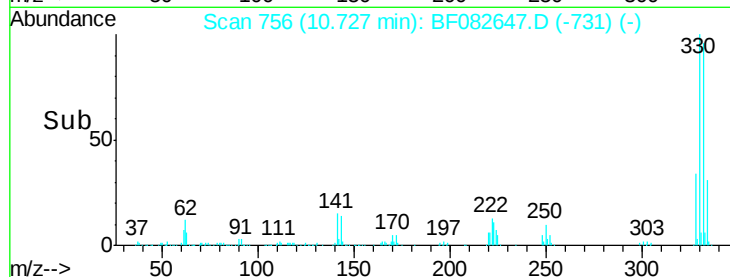
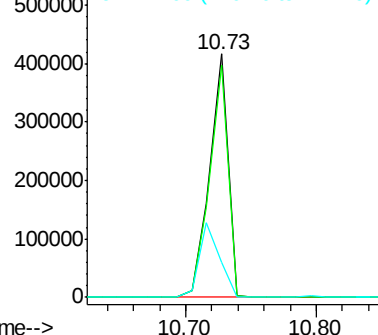
#41
 2,4,6-Tribromophenol
 Concen: 105.29 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF082647.D
 Acq: 2 Nov 2015 23:00

Instrument :
 BNA_F
 ClientSampled :
 T-16CMS

Tot Ion:330 Resp: 405644
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 114.8
 141 34.0 41.2 61.8#

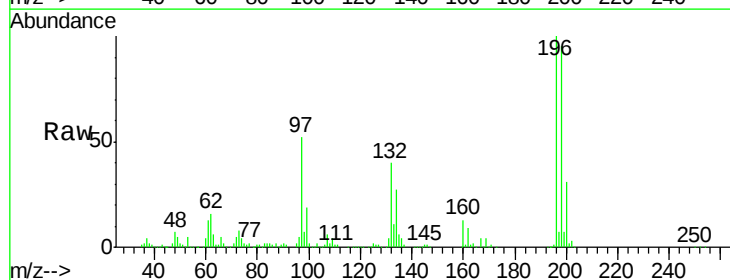


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

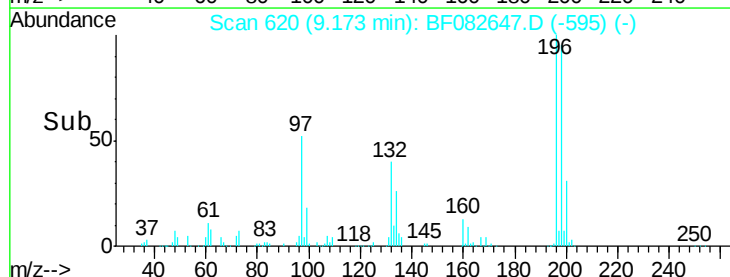
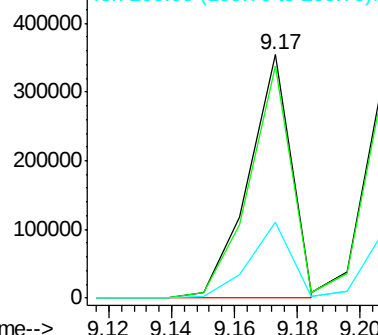


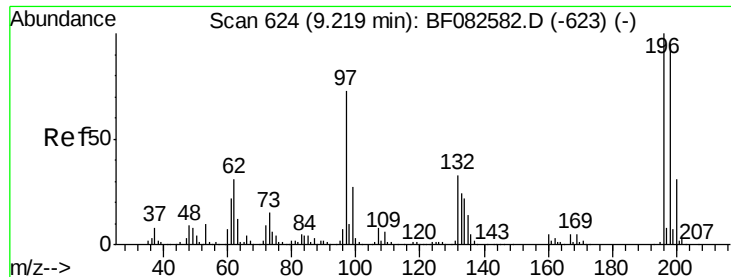
#42
 2,4,6-Trichlorophenol
 Concen: 39.65 ng m
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF082647.D
 Acq: 2 Nov 2015 23:00

Tgt Ion:196 Resp: 336345
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.3 114.5
 200 31.1 23.9 35.9



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

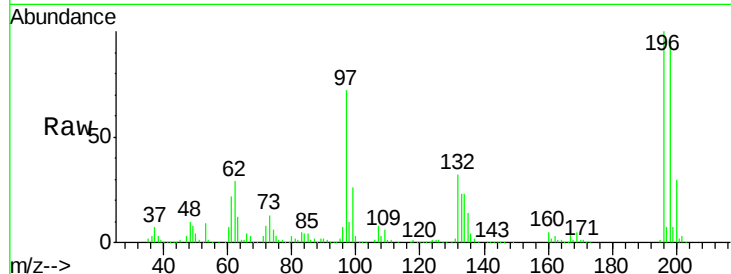




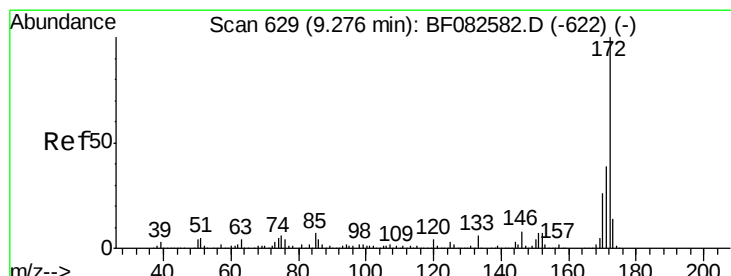
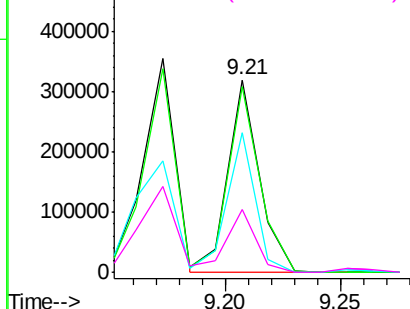
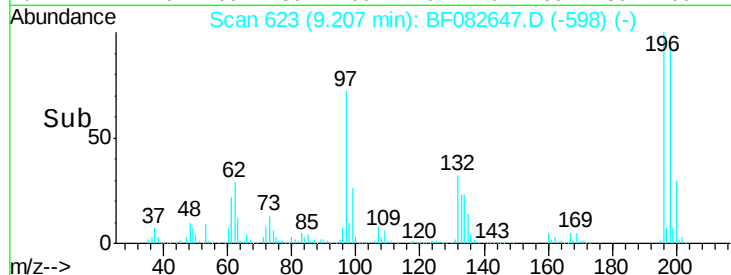
#43
 2,4,5-Trichlorophenol
 Concen: 35.95 ng/mL
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF082647.D
 Acq: 2 Nov 2015 23:00

Instrument :
 BNA_F
 ClientSampleID :
 T-16CMS

Tot Ion:196 Resp: 303841
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.8 113.8
 97 72.5 62.3 93.5
 132 32.4 27.4 41.2

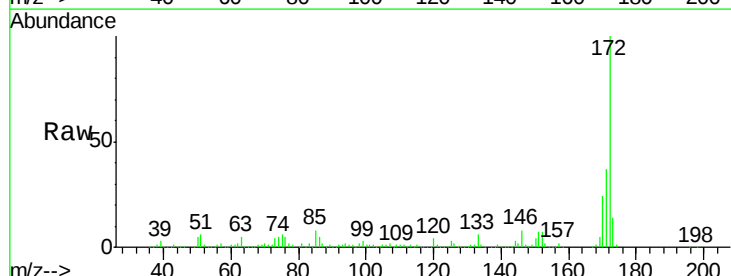


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

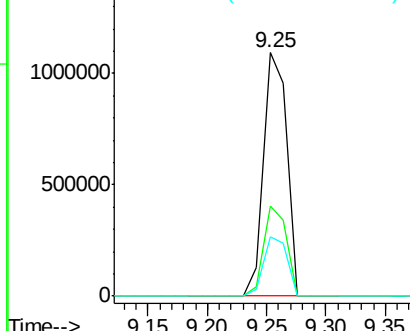
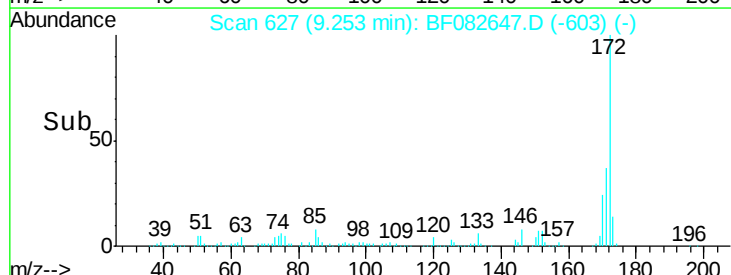


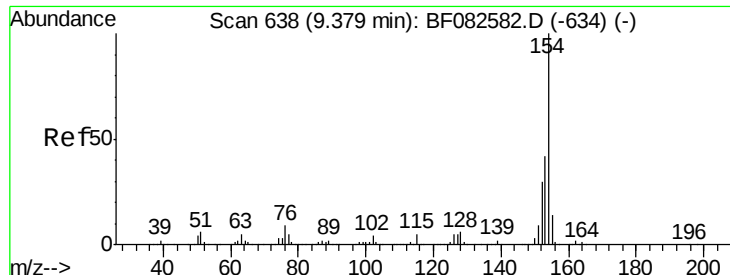
#44
 2-Fluorobiphenyl
 Concen: 60.35 ng/mL
 RT: 9.25 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: BF082647.D
 Acq: 2 Nov 2015 23:00

Tgt Ion:172 Resp: 1496271
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.8 46.2
 170 24.4 21.2 31.8



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

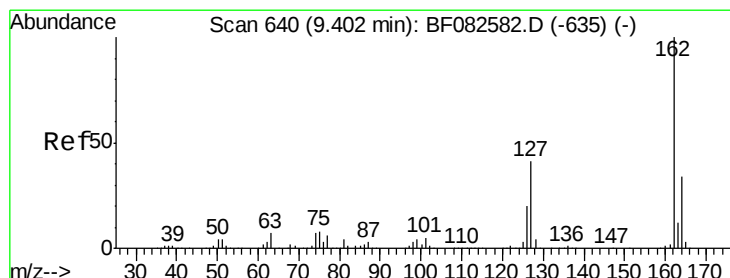
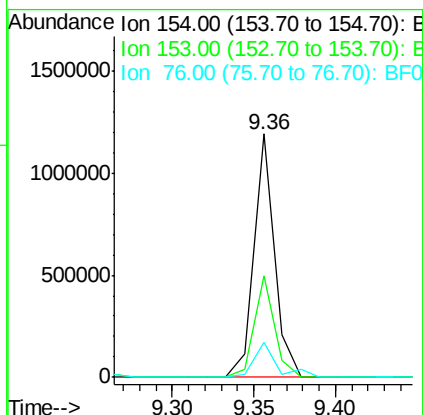
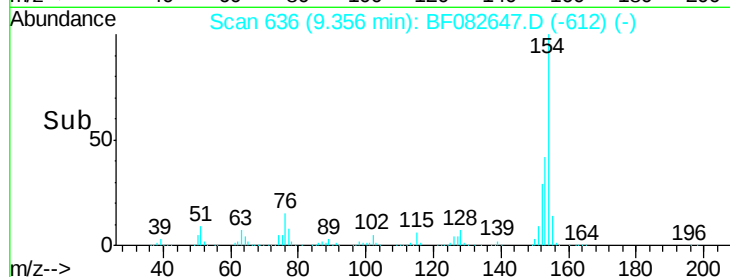
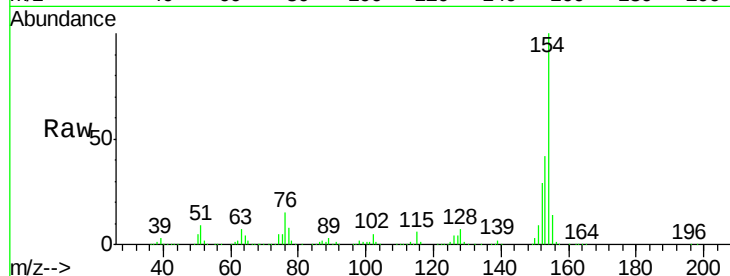




#45
 1,1'-Biphenyl
 Concen: 35.09 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.02 min
 Lab File: BF082647.D
 Acq: 2 Nov 2015 23:00

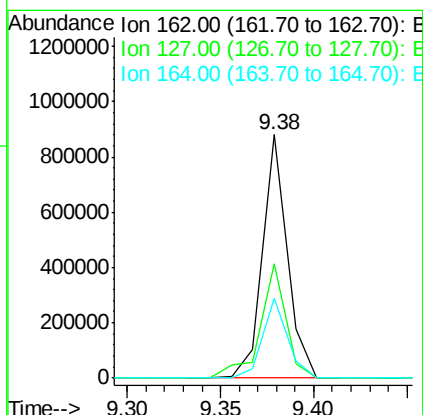
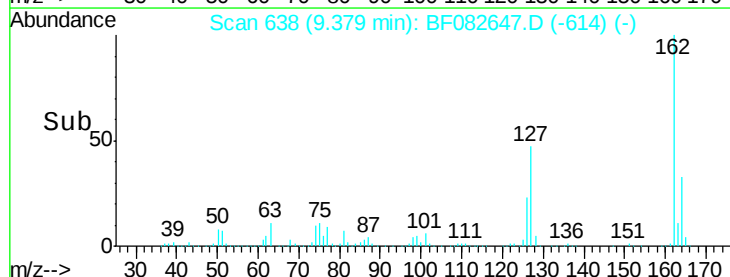
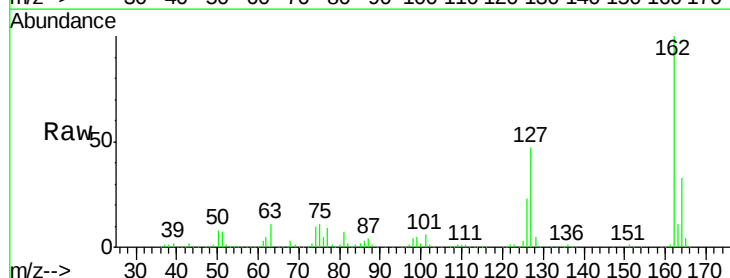
Instrument :
 BNA_F
 ClientSampleId :
 T-16CMS

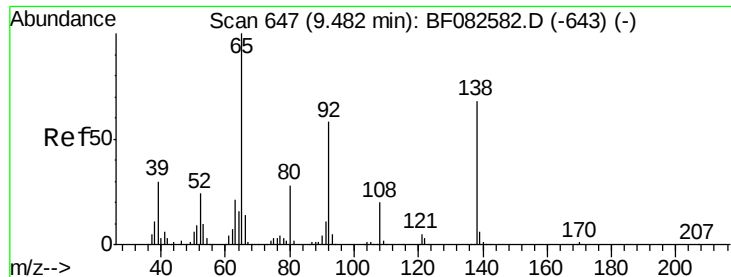
Tot Ion:154 Resp: 1043374
 Ion Ratio Lower Upper
 154 100
 153 41.6 22.0 62.0
 76 14.6 0.0 29.0



#46
 2-Chloronaphthalene
 Concen: 34.53 ng
 RT: 9.38 min Scan# 638
 Delta R.T. -0.02 min
 Lab File: BF082647.D
 Acq: 2 Nov 2015 23:00

Tgt Ion:162 Resp: 801796
 Ion Ratio Lower Upper
 162 100
 127 47.1 32.7 49.1
 164 32.9 27.4 41.0

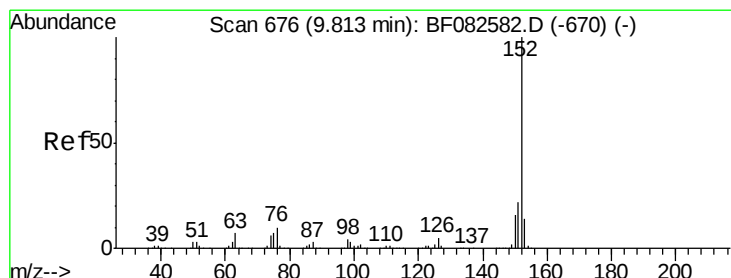
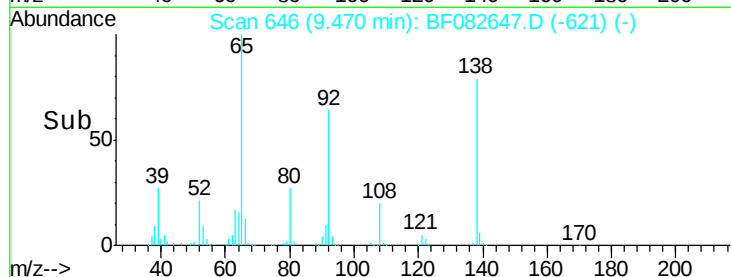
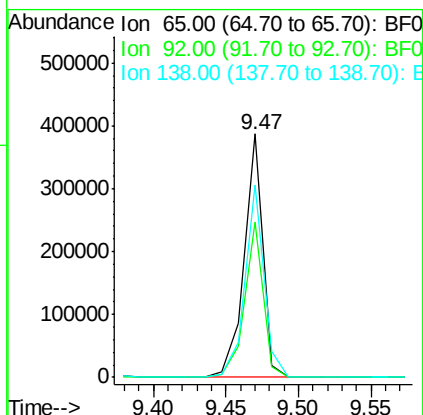
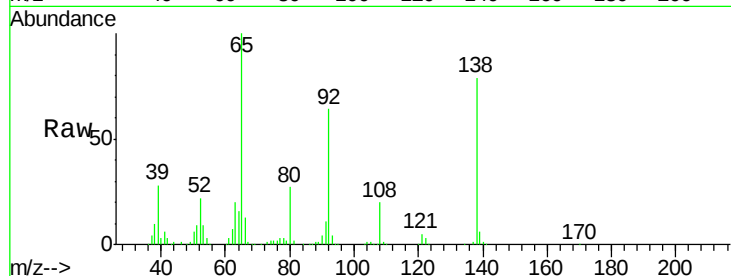




#47
2-Nitroaniline
Concen: 38.23 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF082647.D
Acq: 2 Nov 2015 23:00

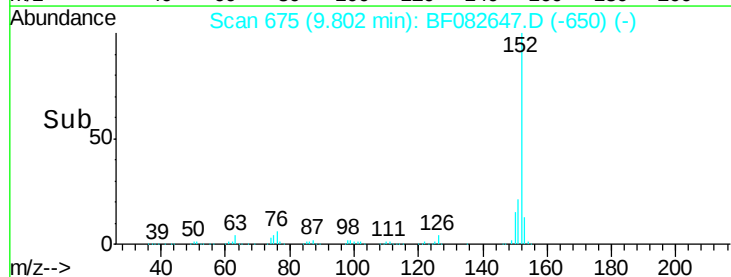
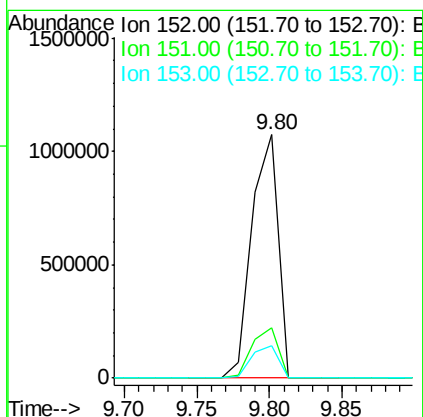
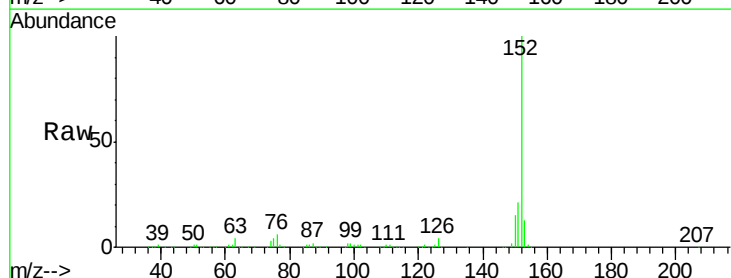
Instrument :
BNA_F
ClientSampled :
T-16CMS

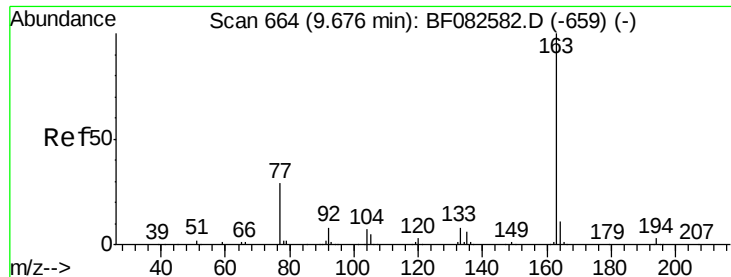
Tot Ion: 65 Resp: 345011
Ion Ratio Lower Upper
65 100
92 63.6 46.6 70.0
138 78.8 54.6 81.8



#48
Acenaphthylene
Concen: 36.43 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF082647.D
Acq: 2 Nov 2015 23:00

Tgt Ion: 152 Resp: 1353010
Ion Ratio Lower Upper
152 100
151 20.7 17.3 25.9
153 13.1 11.3 16.9





#49

Dimethylphthalate

Concen: 57.82 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

Instrument :

BNA_F

ClientSampleId :

T-16CMS

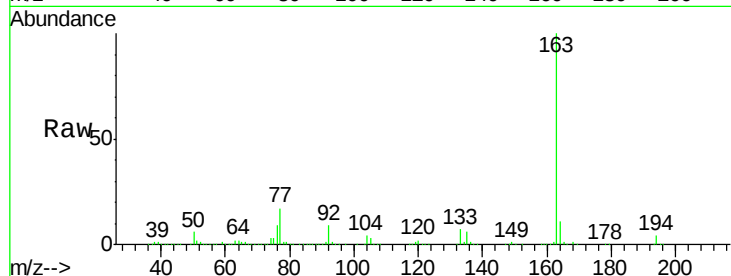
Tot Ion:163 Resp: 1662275

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

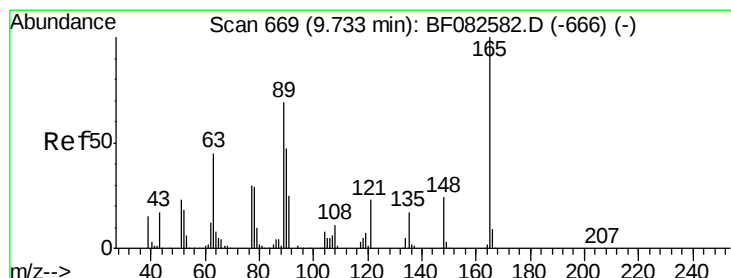
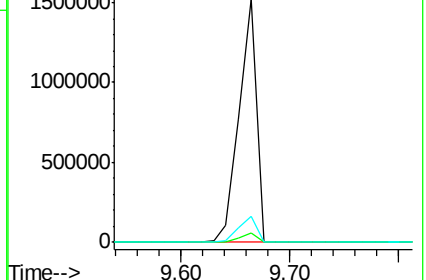
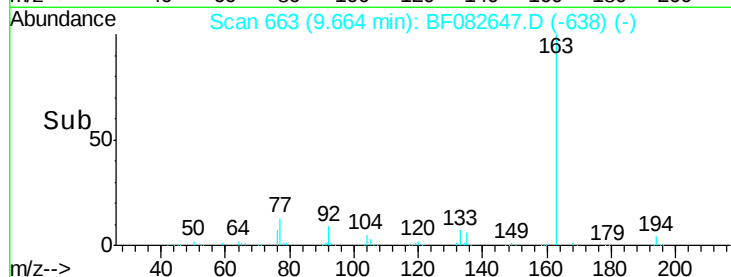
164 10.6 8.7 13.1



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: 36.49 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

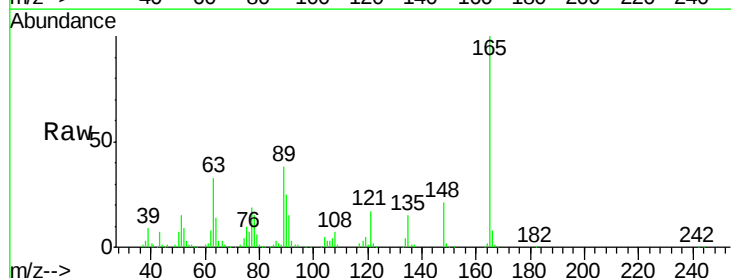
Tgt Ion:165 Resp: 217417

Ion Ratio Lower Upper

165 100

63 33.1 55.5 83.3#

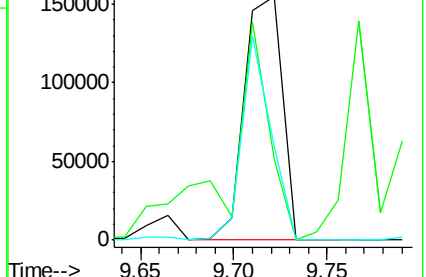
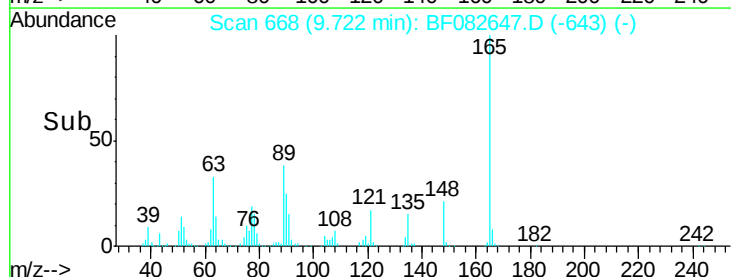
89 38.4 55.0 82.6#

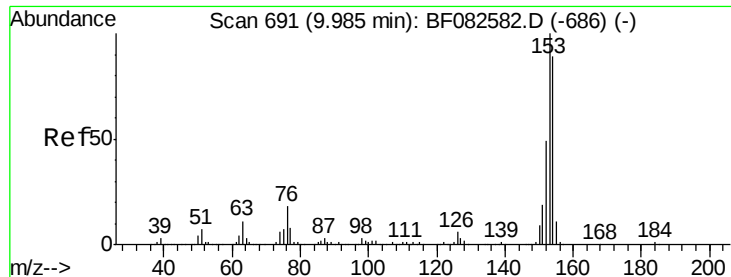


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.09 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

Instrument :

BNA_F

ClientSampleId :

T-16CMS

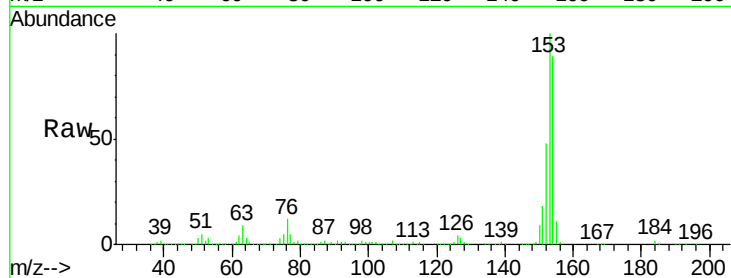
Tot Ion:154 Resp: 850947

Ion Ratio Lower Upper

154 100

153 112.6 90.1 135.1

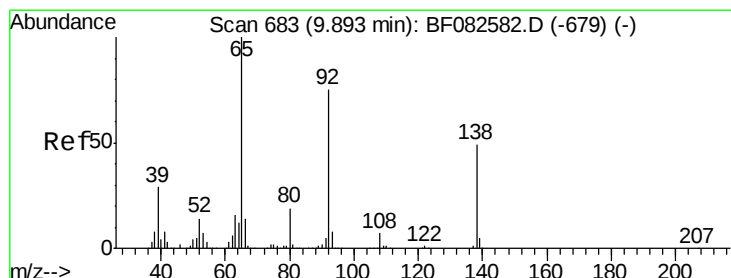
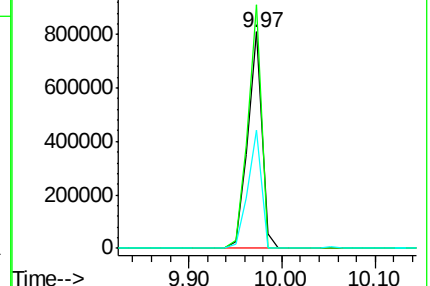
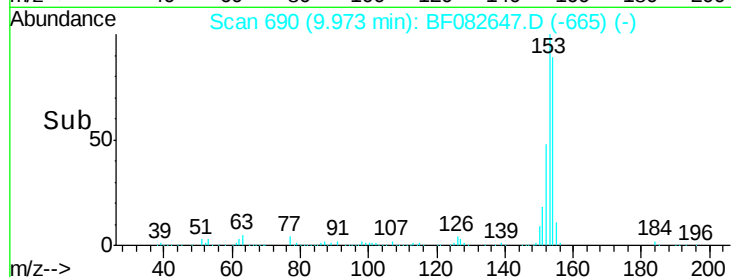
152 54.6 44.3 66.5



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: 34.20 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

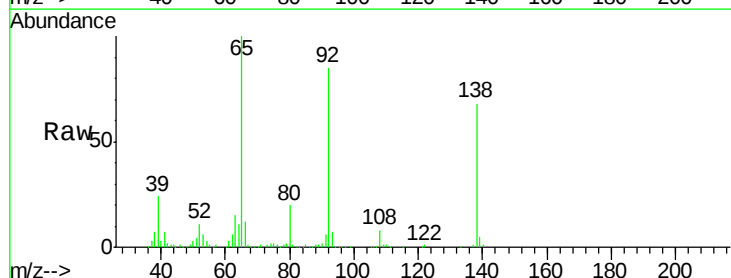
Tgt Ion:138 Resp: 226744

Ion Ratio Lower Upper

138 100

108 11.9 11.3 16.9

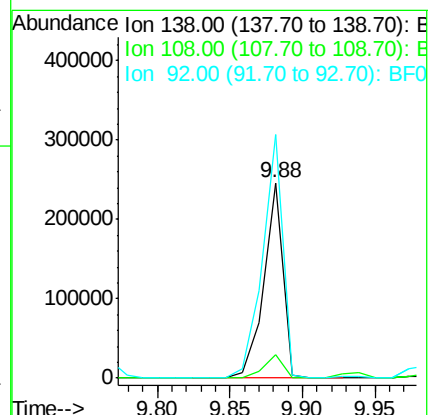
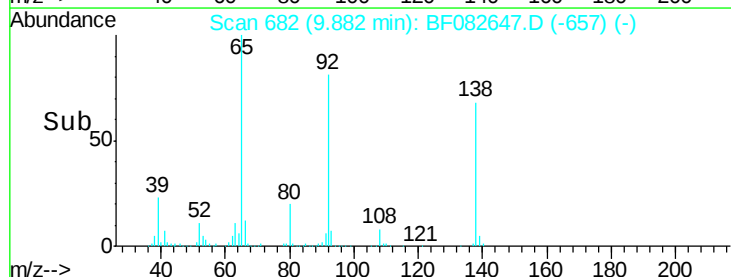
92 124.6 122.4 183.6

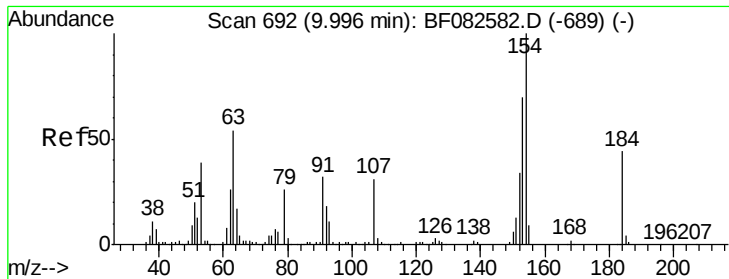


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

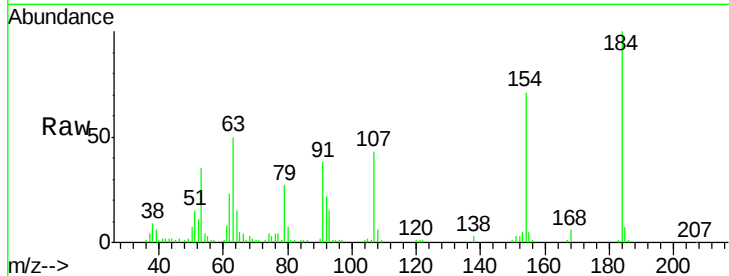




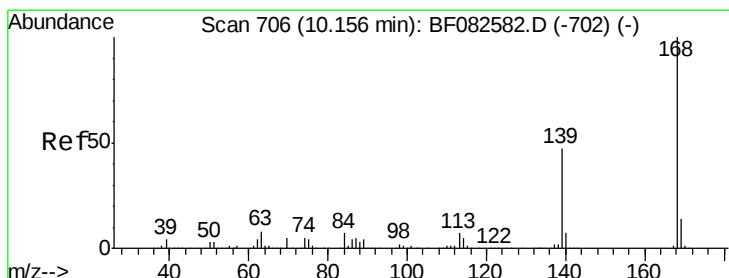
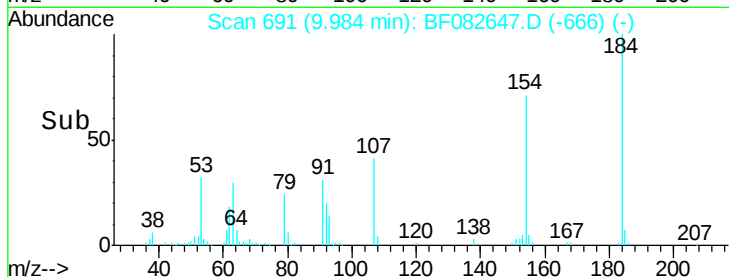
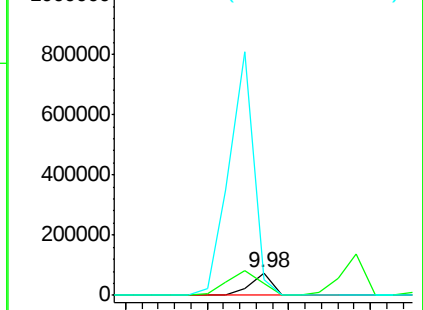
#53
2,4-Dinitrophenol
Concen: 26.54 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF082647.D
Acq: 2 Nov 2015 23:00

Instrument :
BNA_F
ClientSampleId :
T-16CMS

Tot Ion:184 Resp: 68746
Ion Ratio Lower Upper
184 100
63 50.5 98.6 148.0#
154 70.5 183.9 275.9#

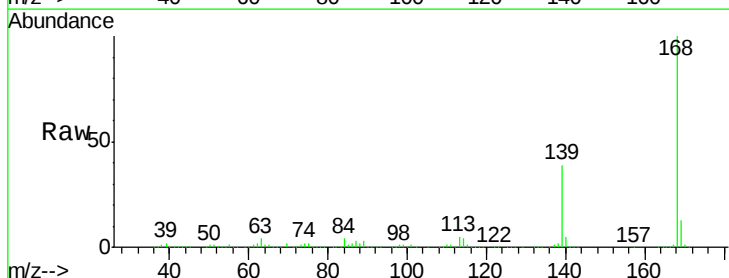


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

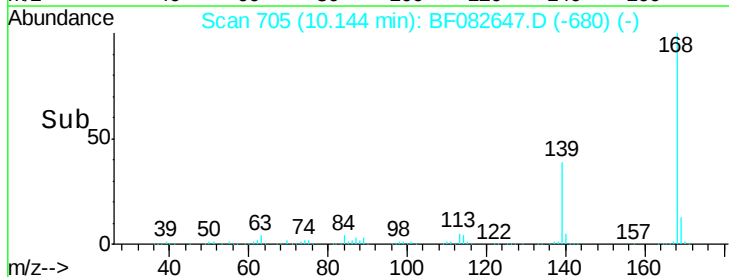
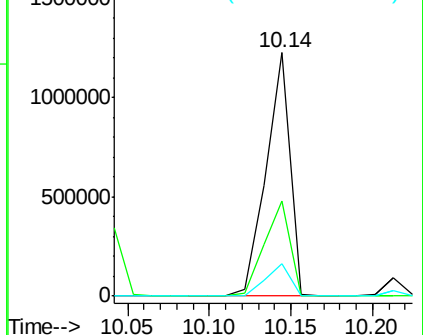


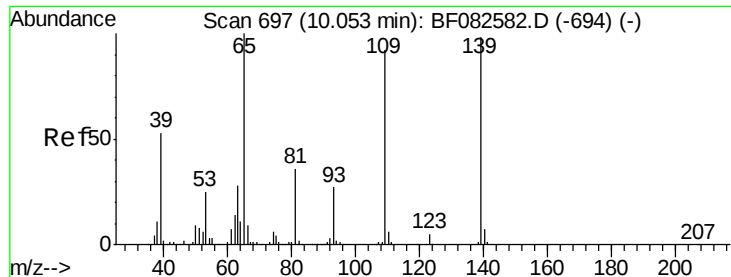
#54
Dibenzofuran
Concen: 39.04 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF082647.D
Acq: 2 Nov 2015 23:00

Tgt Ion:168 Resp: 1249053
Ion Ratio Lower Upper
168 100
139 39.1 37.8 56.6
169 13.4 11.3 16.9



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

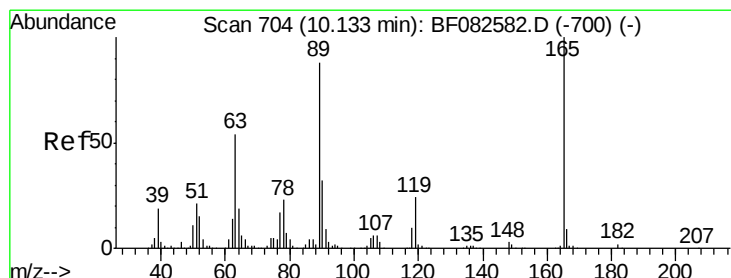
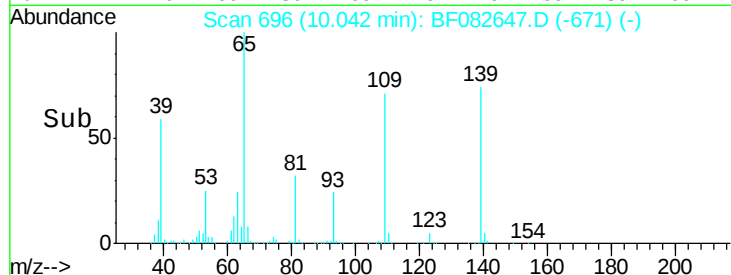
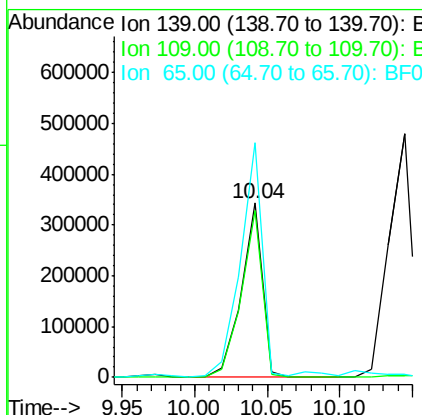
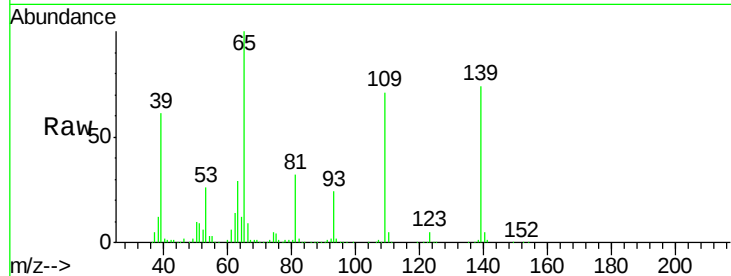




#55
4-Nitrophenol
Concen: 69.97 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF082647.D
Acq: 2 Nov 2015 23:00

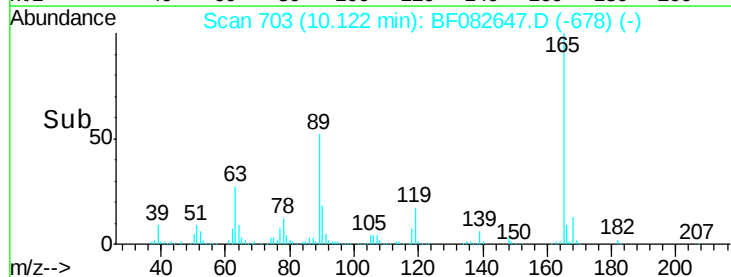
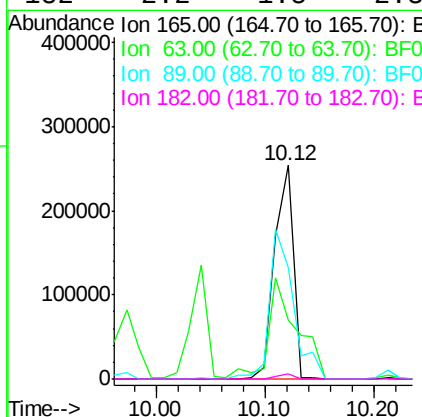
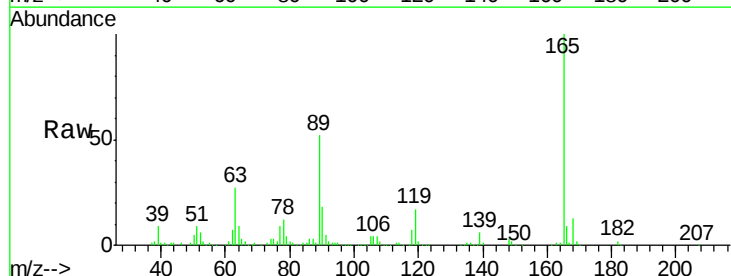
Instrument :
BNA_F
ClientSampled :
T-16CMS

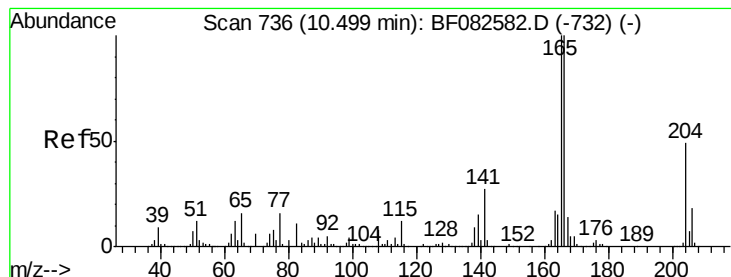
Tot Ion:139 Resp: 349046
Ion Ratio Lower Upper
139 100
109 95.6 73.7 113.7
65 134.9 82.9 122.9#



#56
2,4-Dinitrotoluene
Concen: 37.68 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF082647.D
Acq: 2 Nov 2015 23:00

Tgt Ion:165 Resp: 303650
Ion Ratio Lower Upper
165 100
63 27.4 43.4 65.0#
89 52.1 70.6 106.0#
182 2.2 1.5 2.3





#57

Fluorene

Concen: 35.68 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

Instrument :

BNA_F

ClientSampled :

T-16CMS

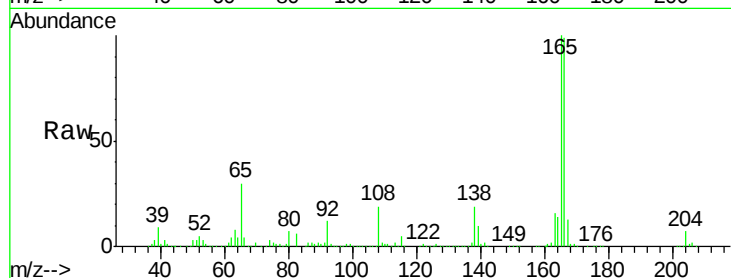
Tot Ion:166 Resp: 920732

Ion Ratio Lower Upper

166 100

165 101.1 80.2 120.4

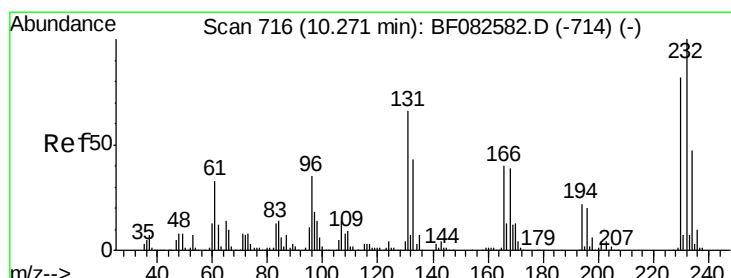
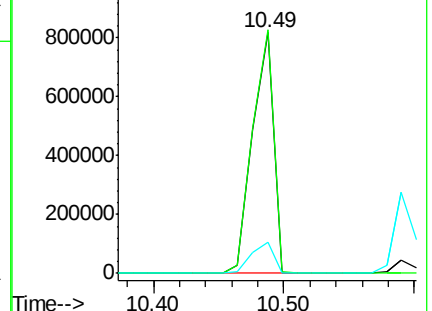
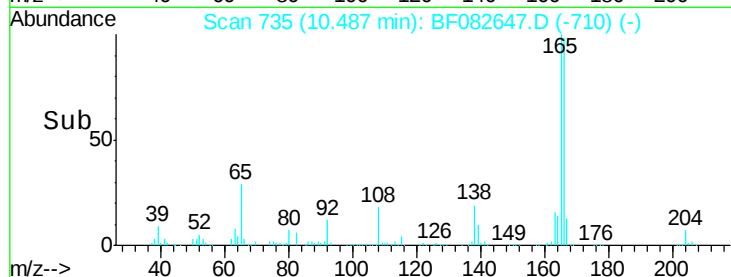
167 13.1 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.41 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

Tgt Ion:232 Resp: 281504

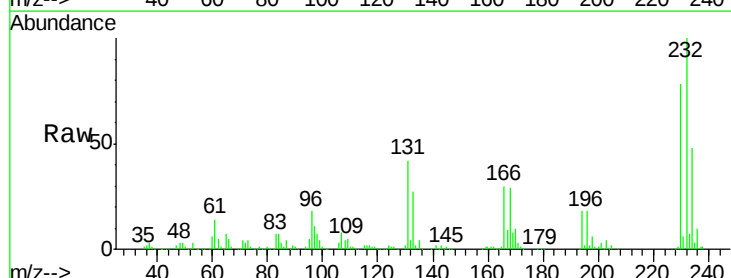
Ion Ratio Lower Upper

232 100

131 47.5 46.2 69.2

130 2.4 2.4 3.6

166 31.9 28.2 42.2

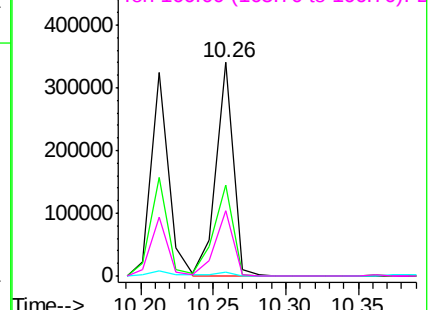
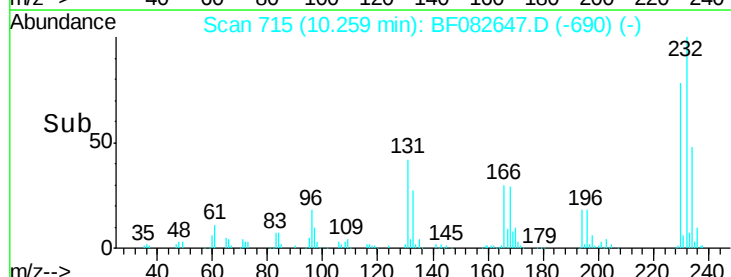


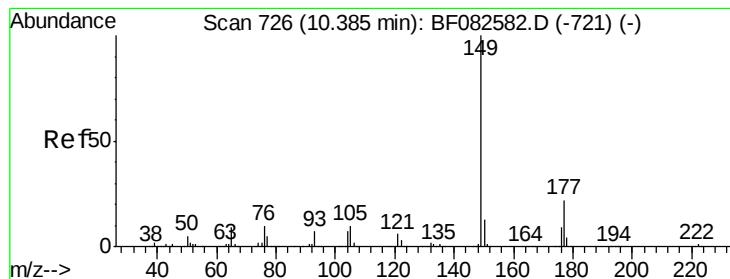
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 36.39 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

Instrument :

BNA_F

ClientSampleId :

T-16CMS

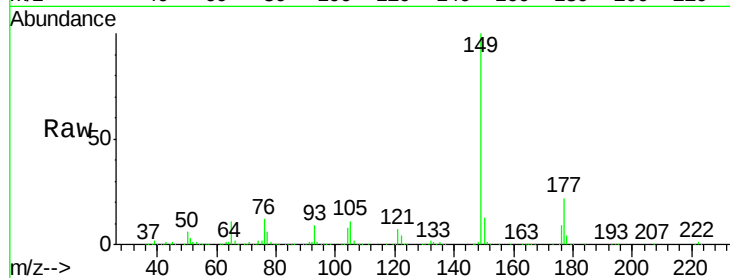
Tot Ion:149 Resp: 1065236

Ion Ratio Lower Upper

149 100

177 22.5 17.9 26.9

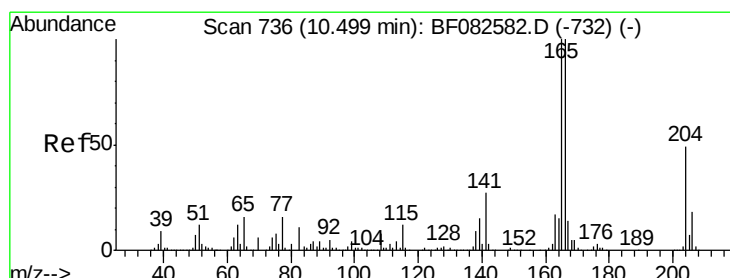
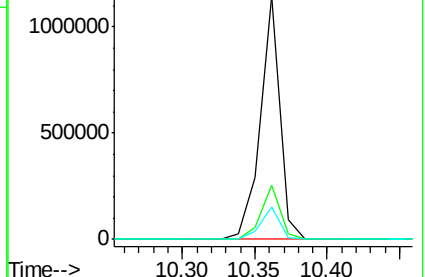
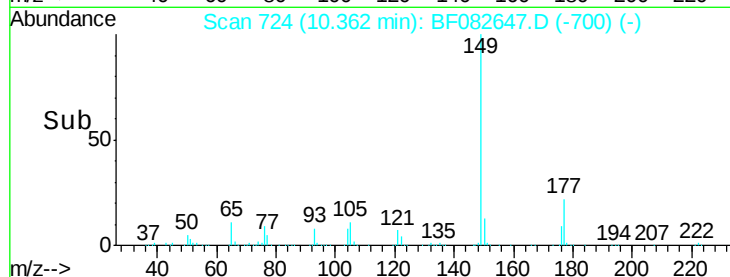
150 13.2 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 35.08 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

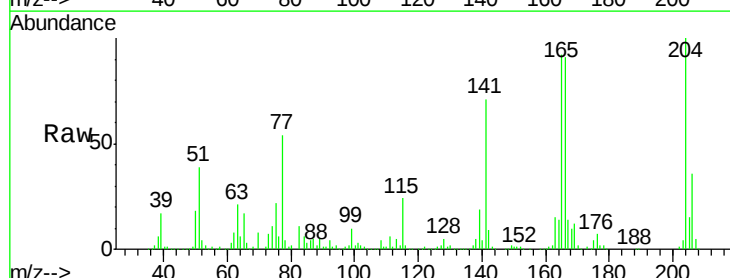
Tgt Ion:204 Resp: 439966

Ion Ratio Lower Upper

204 100

206 35.6 28.5 42.7

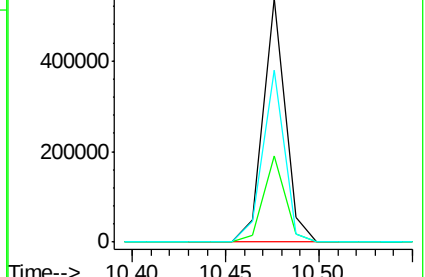
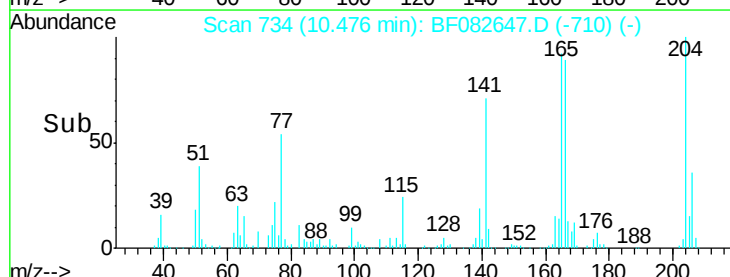
141 70.8 44.6 66.8#

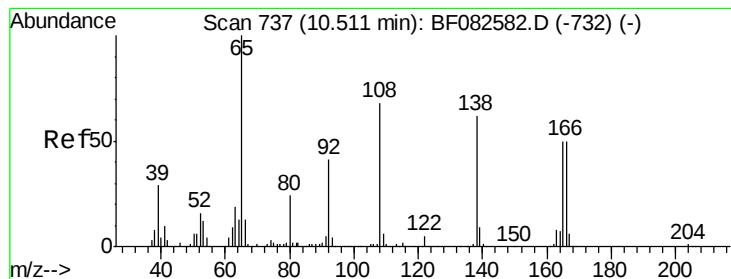


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 32.37 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

Instrument :

BNA_F

ClientSampleId :

T-16CMS

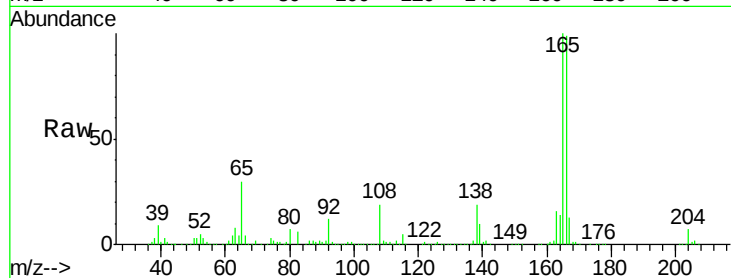
Tot Ion:138 Resp: 204790

Ion Ratio Lower Upper

138 100

92 62.7 45.8 85.8

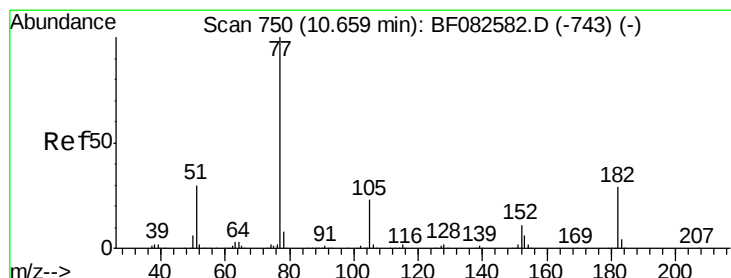
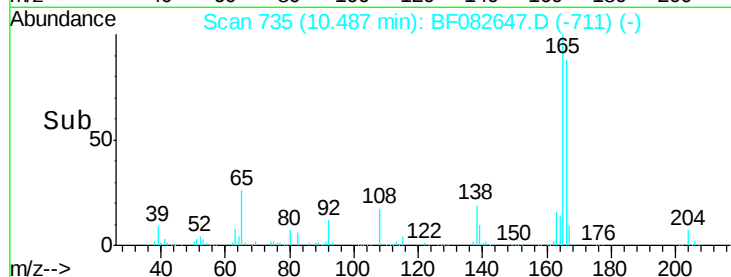
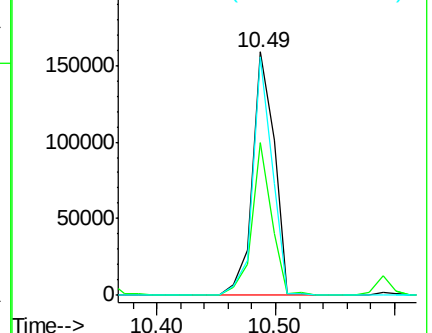
108 97.9 89.4 129.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 32.64 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

Tgt Ion: 77 Resp: 1077237

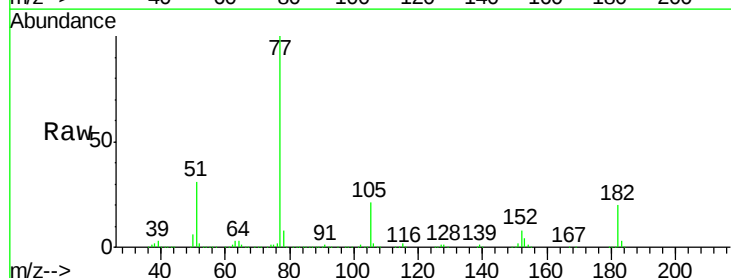
Ion Ratio Lower Upper

77 100

182 20.3 9.3 49.3

105 20.6 2.6 42.6

51 30.9 9.9 49.9

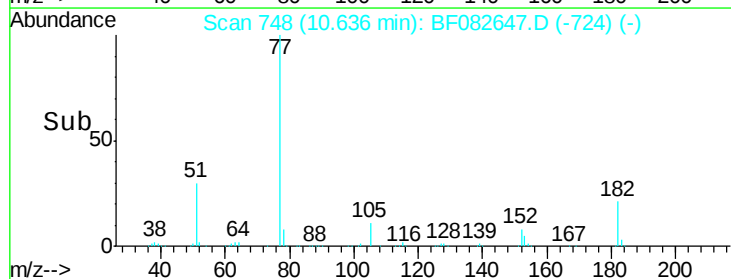
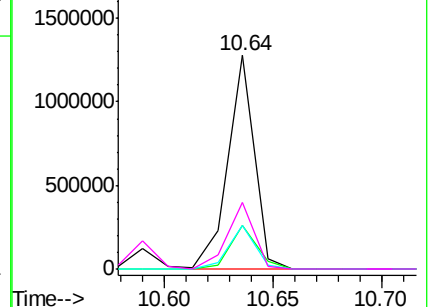


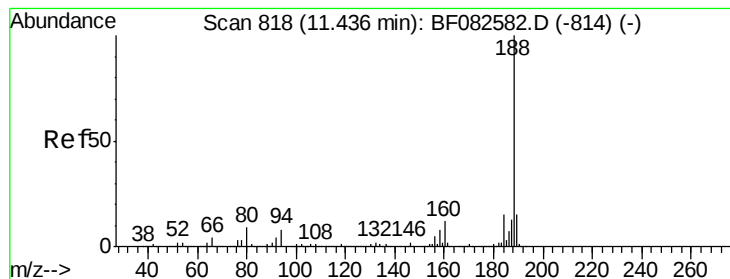
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.41 min Scan# 816

Delta R.T. -0.02 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

Instrument :

BNA_F

ClientSampleId :

T-16CMS

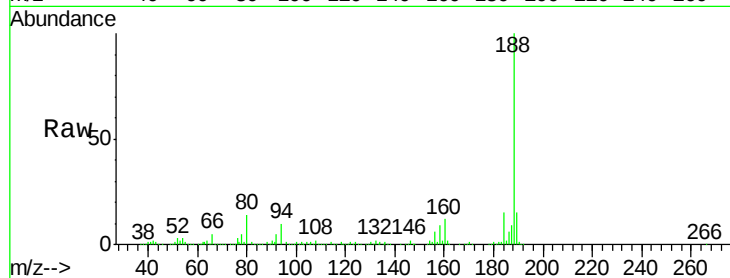
Tot Ion:188 Resp: 569579

Ion Ratio Lower Upper

188 100

94 10.1 6.1 9.1#

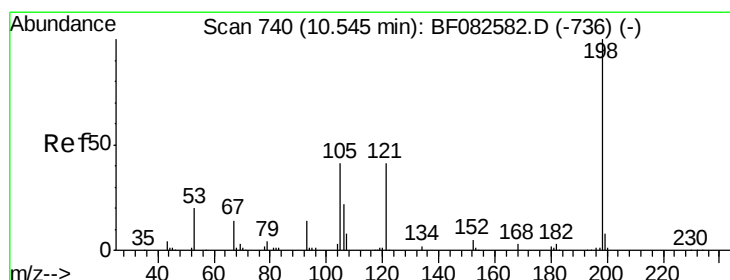
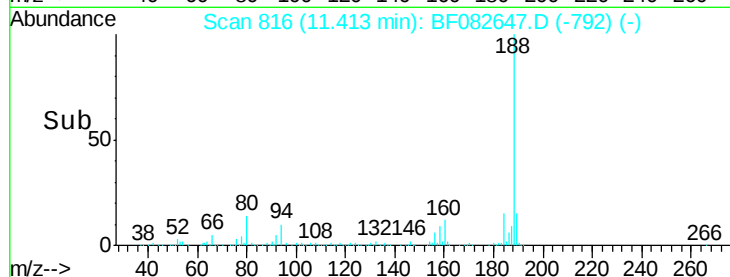
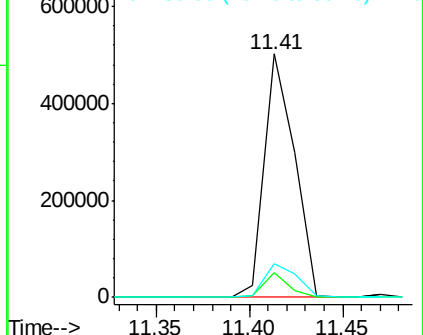
80 13.8 7.0 10.6#



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: 17.25 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

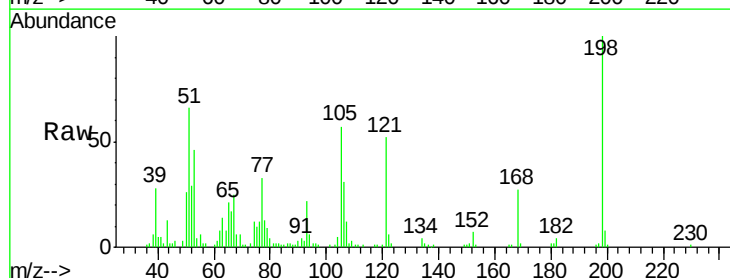
Tgt Ion:198 Resp: 59259

Ion Ratio Lower Upper

198 100

51 66.0 17.3 57.3#

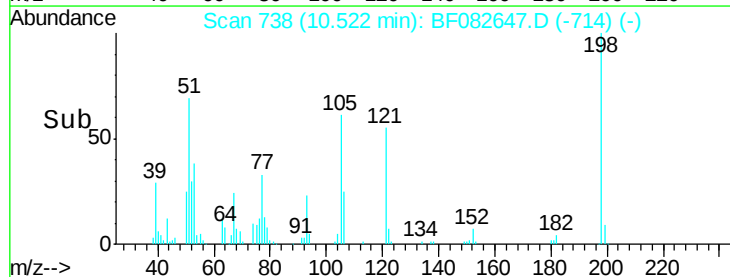
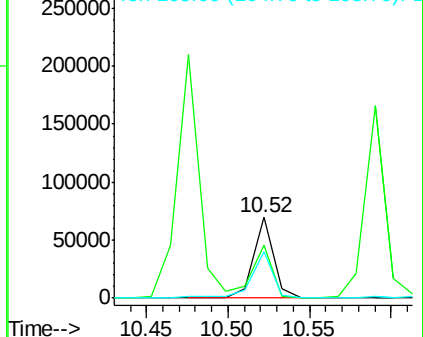
105 57.2 21.7 61.7

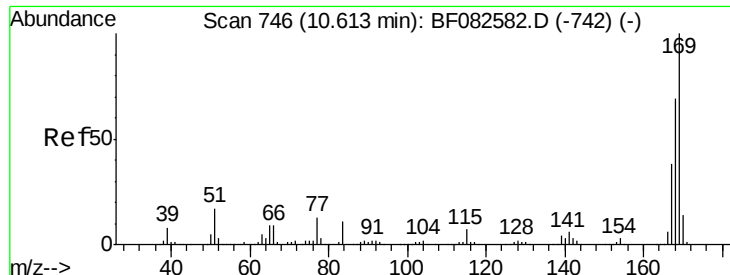


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

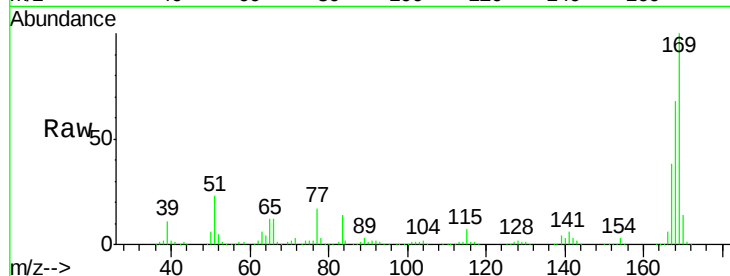




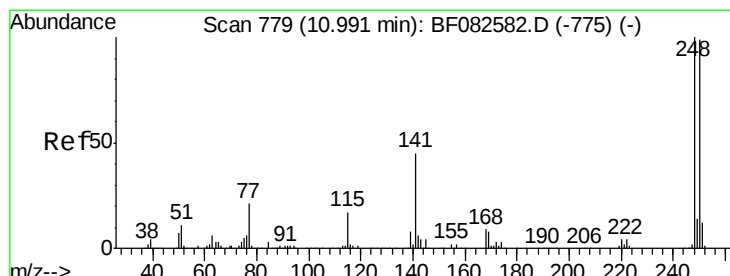
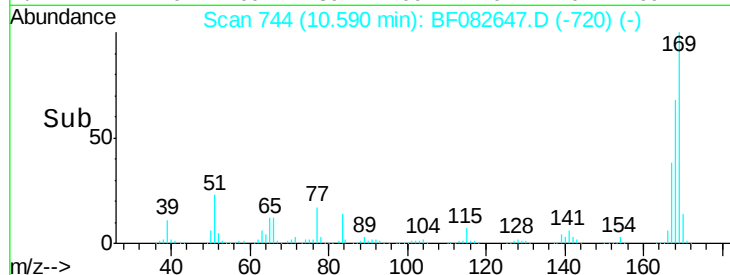
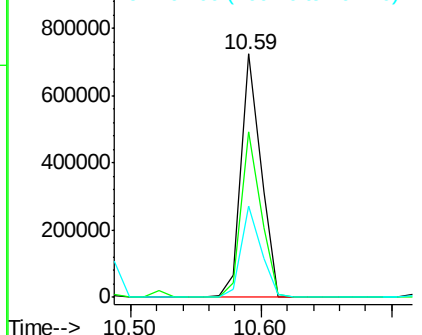
#65
n-Nitrosodiphenylamine
Concen: 38.95 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF082647.D
Acq: 2 Nov 2015 23:00

Instrument :
BNA_F
ClientSampled :
T-16CMS

Tot Ion:169 Resp: 762677
Ion Ratio Lower Upper
169 100
168 68.2 55.0 82.6
167 37.8 30.5 45.7

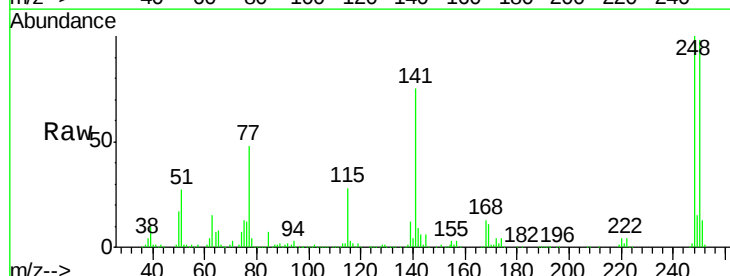


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

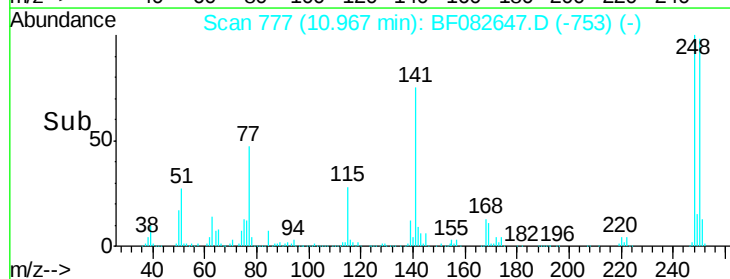
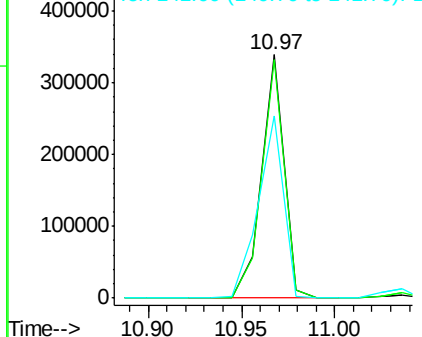


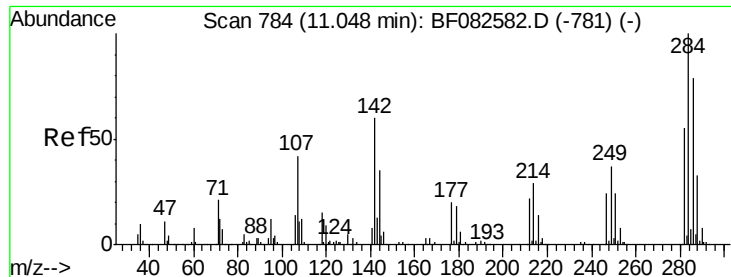
#66
4-Bromophenyl-phenylether
Concen: 43.45 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF082647.D
Acq: 2 Nov 2015 23:00

Tgt Ion:248 Resp: 280445
Ion Ratio Lower Upper
248 100
250 97.8 79.4 119.2
141 74.7 36.3 54.5#



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

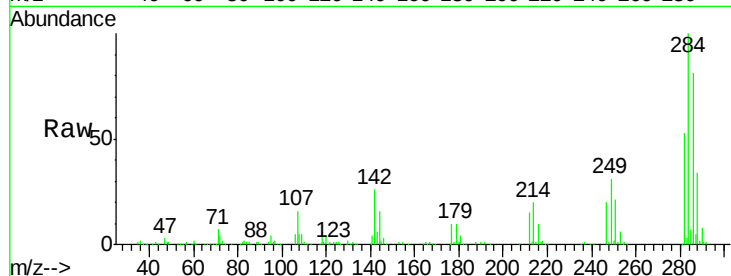




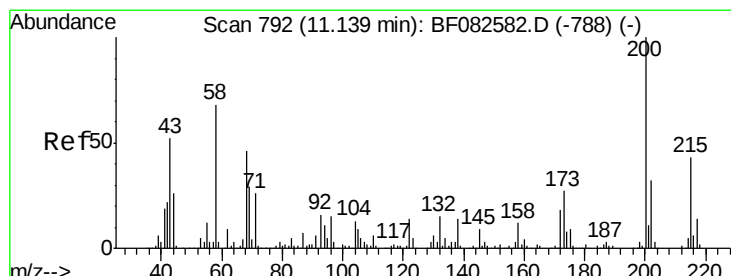
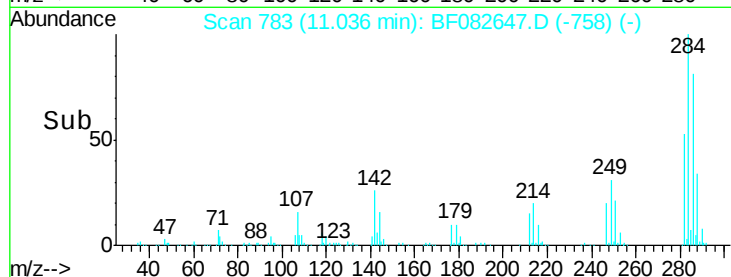
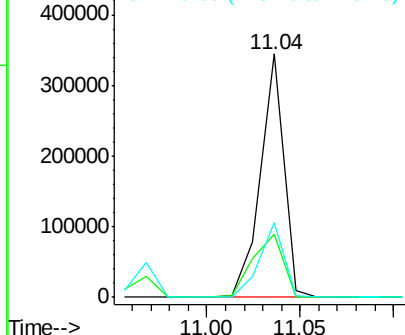
#67
Hexachlorobenzene
Concen: 41.76 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF082647.D
Acq: 2 Nov 2015 23:00

Instrument :
BNA_F
ClientSampleId :
T-16CMS

Tot Ion:284 Resp: 298851
Ion Ratio Lower Upper
284 100
142 26.2 47.9 71.9#
249 30.9 29.7 44.5

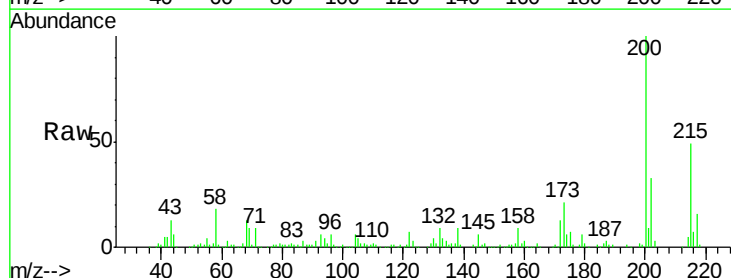


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

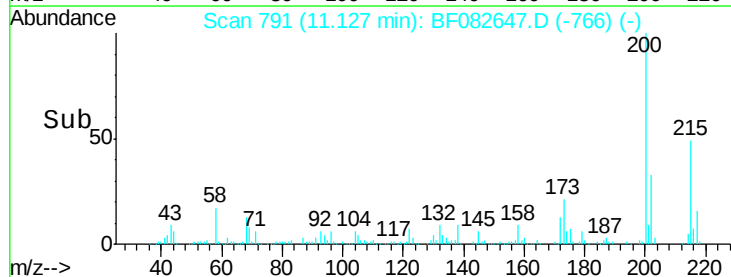
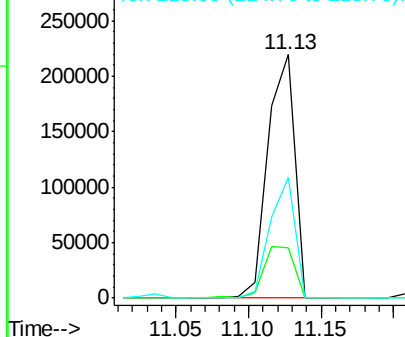


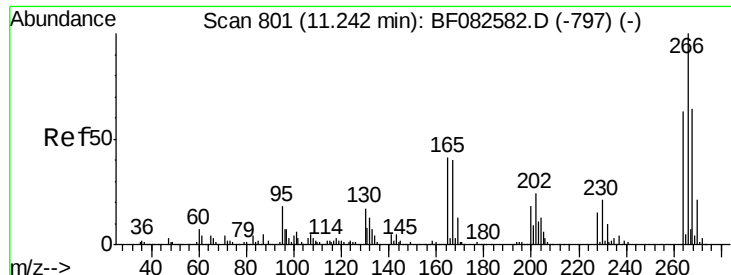
#68
Atrazine
Concen: 43.85 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF082647.D
Acq: 2 Nov 2015 23:00

Tgt Ion:200 Resp: 280902
Ion Ratio Lower Upper
200 100
173 20.9 6.9 46.9
215 49.4 22.9 62.9



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

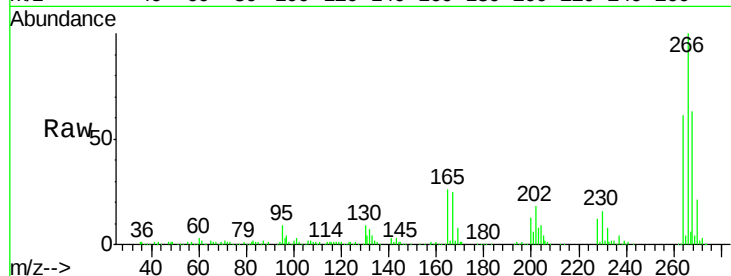




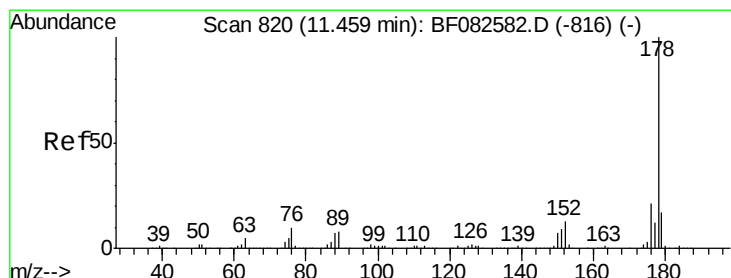
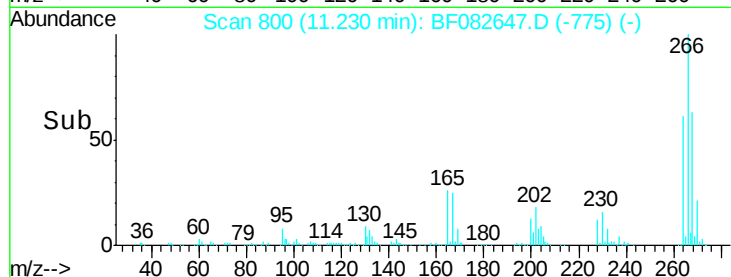
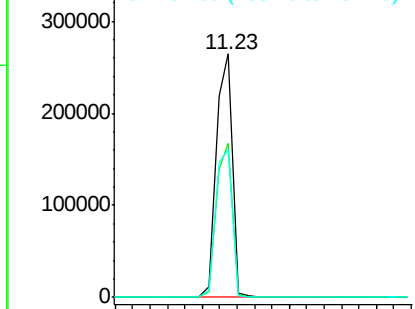
#69
 Pentachlorophenol
 Concen: 73.22 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF082647.D
 Acq: 2 Nov 2015 23:00

Instrument :
 BNA_F
 ClientSampleId :
 T-16CMS

Tot Ion:266 Resp: 345544
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.0 76.6
 264 60.6 50.6 75.8

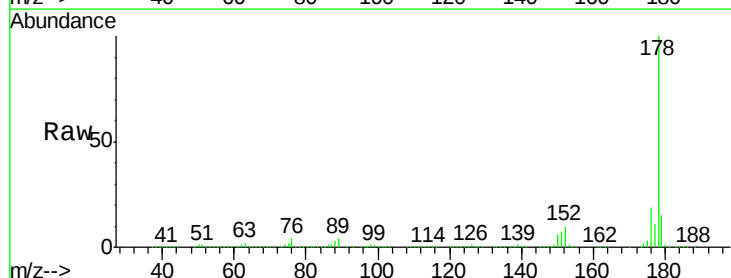


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

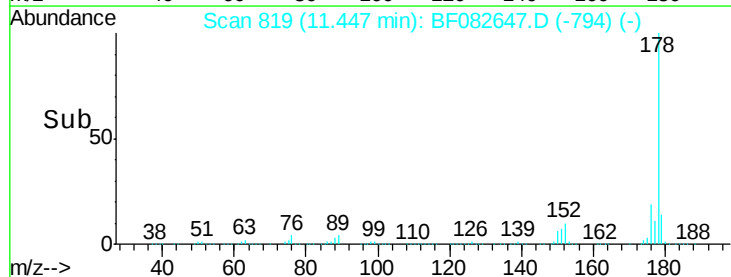
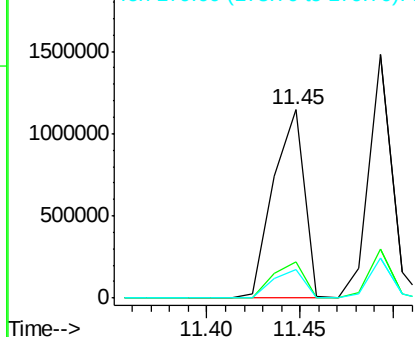


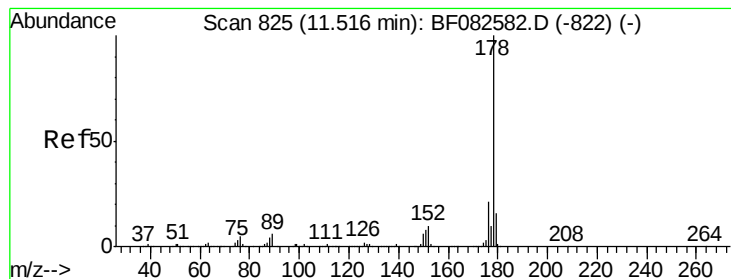
#70
 Phenanthrene
 Concen: 41.24 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF082647.D
 Acq: 2 Nov 2015 23:00

Tgt Ion:178 Resp: 1324972
 Ion Ratio Lower Upper
 178 100
 176 19.4 17.0 25.4
 179 15.3 13.4 20.0



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: 38.75 ng

RT: 11.49 min Scan# 823

Delta R.T. -0.02 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

Instrument :

BNA_F

ClientSampleId :

T-16CMS

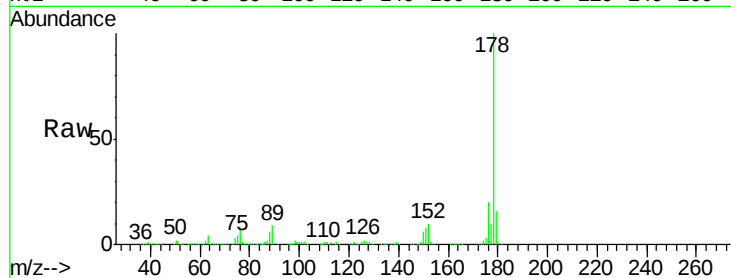
Tot Ion:178 Resp: 1253519

Ion Ratio Lower Upper

178 100

176 19.9 16.5 24.7

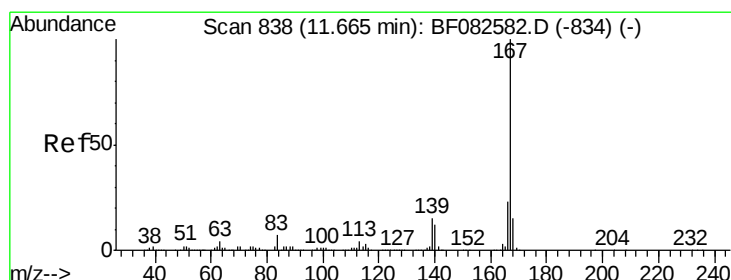
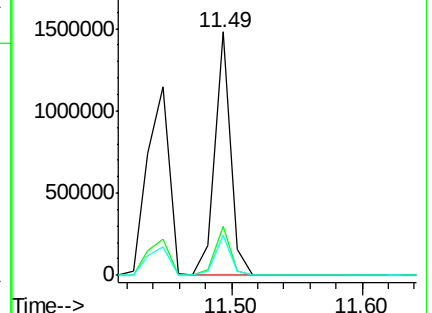
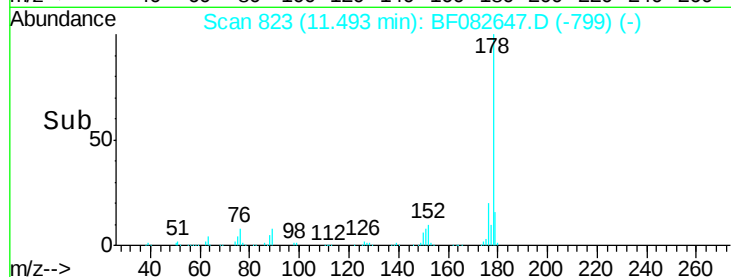
179 16.4 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.62 ng

RT: 11.64 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

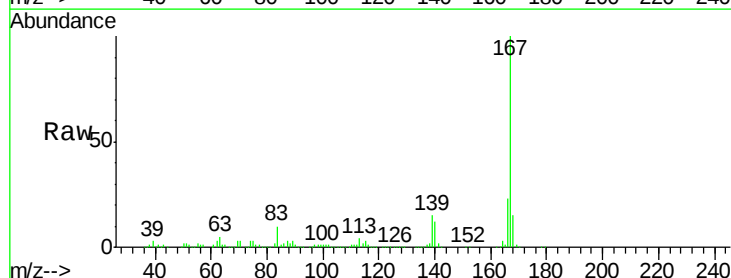
Tgt Ion:167 Resp: 1031708

Ion Ratio Lower Upper

167 100

166 23.1 18.7 28.1

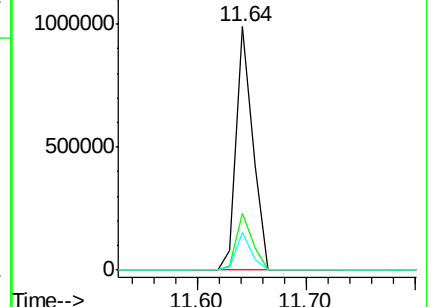
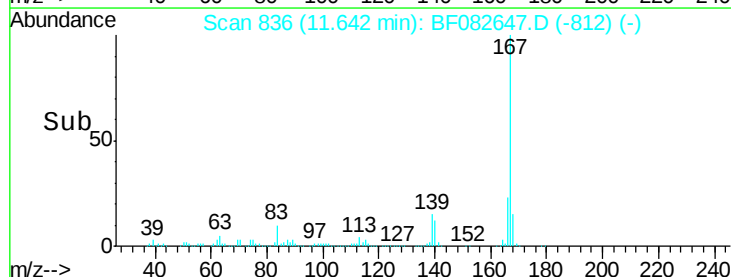
139 15.3 11.8 17.6

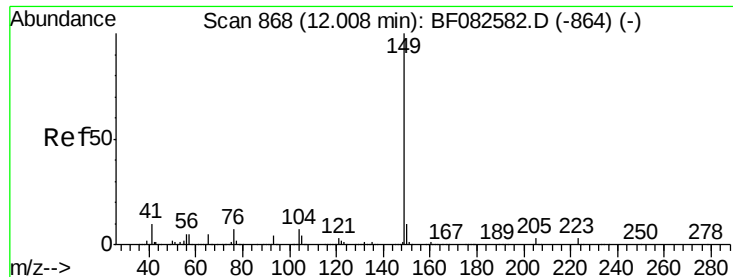


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.35 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.02 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

Instrument :

BNA_F

ClientSampleId :

T-16CMS

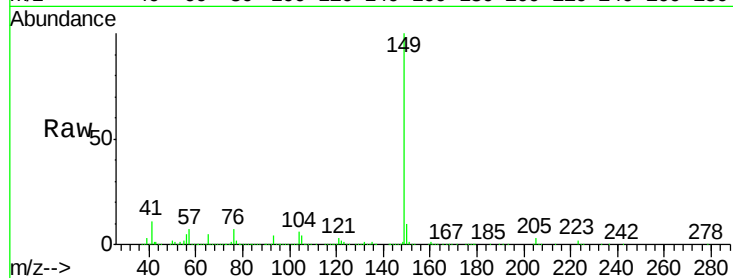
Tot Ion:149 Resp: 1375456

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

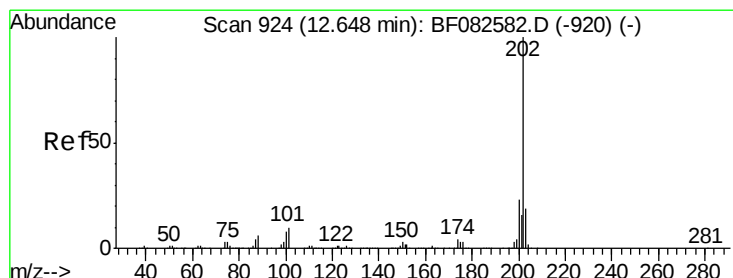
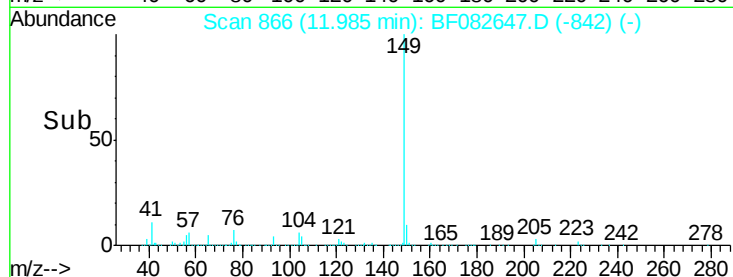
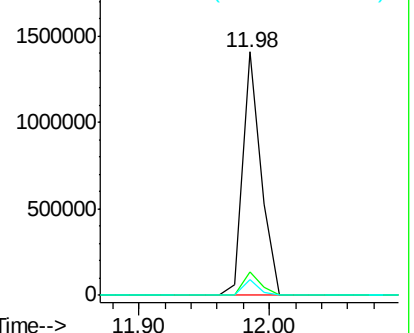
104 6.3 5.2 7.8



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: 34.95 ng

RT: 12.62 min Scan# 922

Delta R.T. -0.02 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

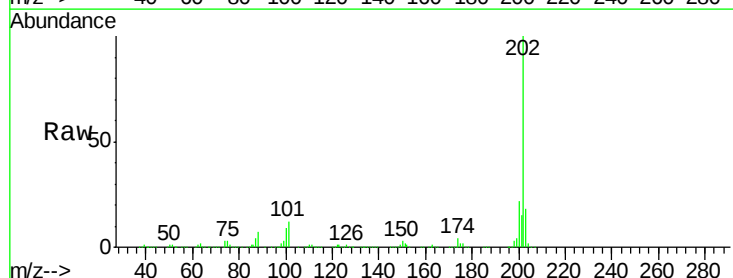
Tgt Ion:202 Resp: 1147760

Ion Ratio Lower Upper

202 100

101 11.6 0.0 30.5

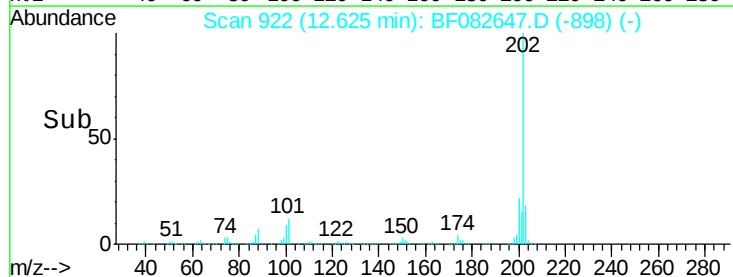
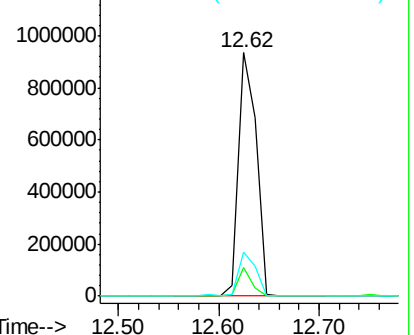
203 18.1 0.0 38.5

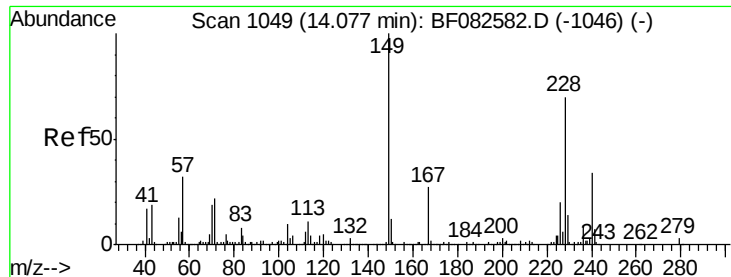


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.05 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

Instrument :

BNA_F

ClientSampleId :

T-16CMS

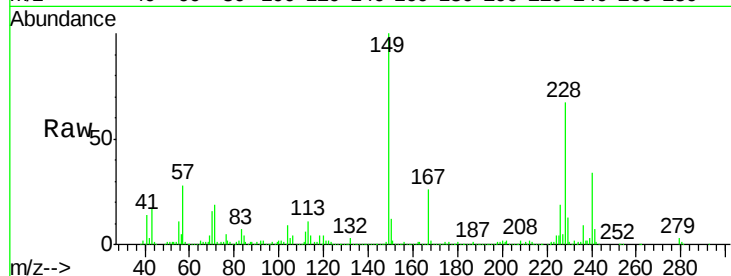
Tot Ion:240 Resp: 429460

Ion Ratio Lower Upper

240 100

120 12.7 10.9 16.3

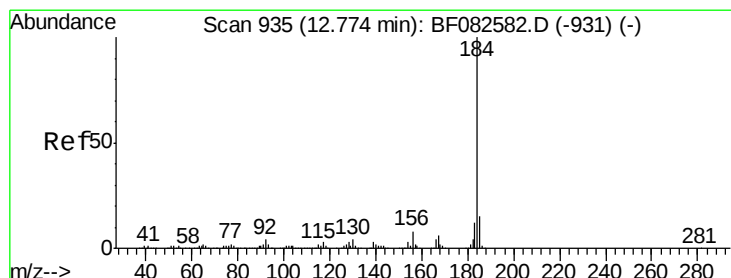
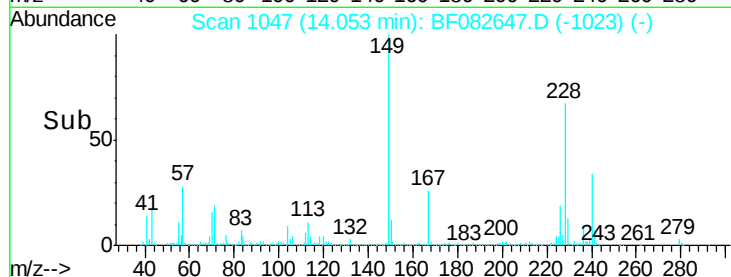
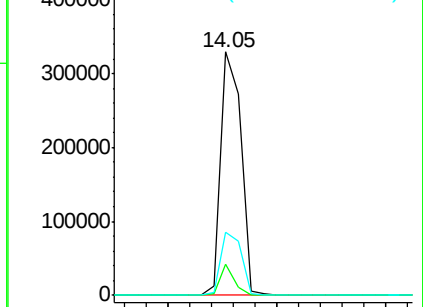
236 26.1 21.6 32.4



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: 39.29 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.02 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

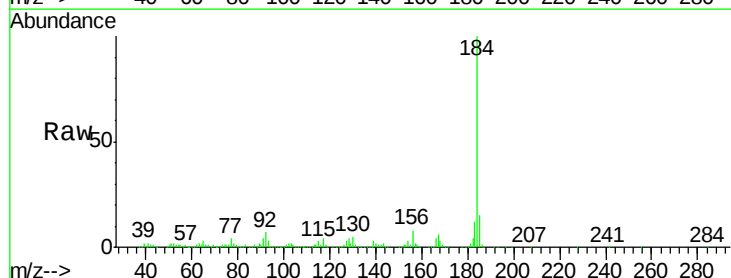
Tgt Ion:184 Resp: 760887

Ion Ratio Lower Upper

184 100

185 14.6 12.0 18.0

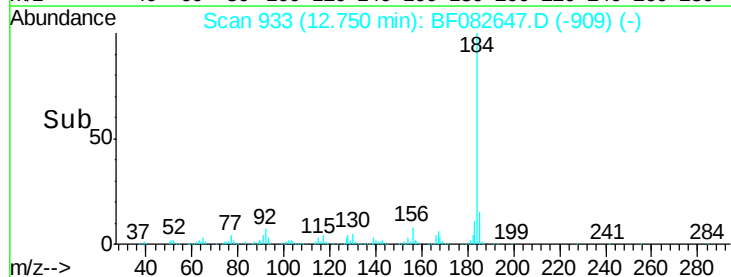
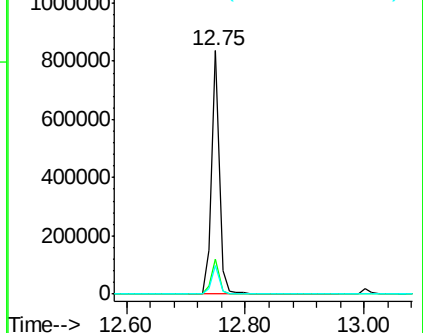
183 11.5 9.6 14.4

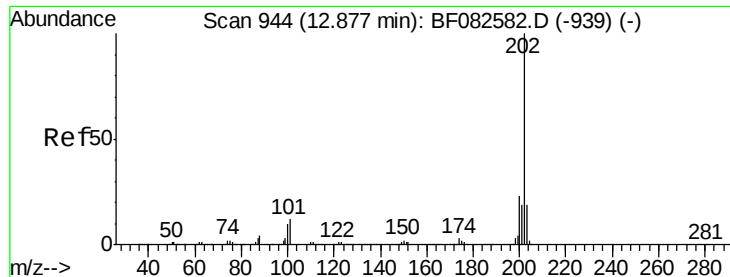


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.65 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.02 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

Instrument :

BNA_F

ClientSampleId :

T-16CMS

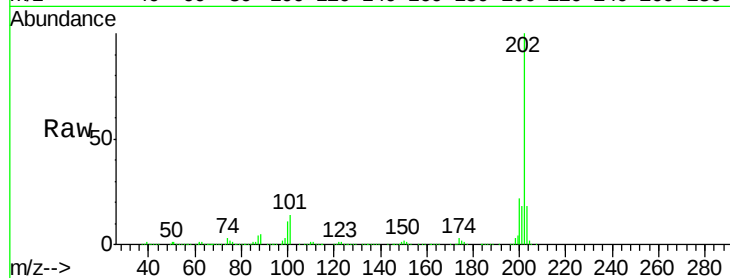
Tot Ion:202 Resp: 1133803

Ion Ratio Lower Upper

202 100

200 21.8 18.7 28.1

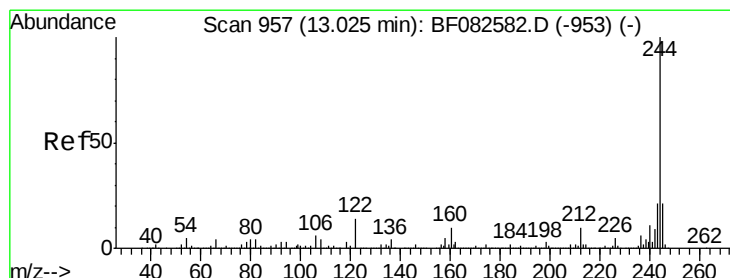
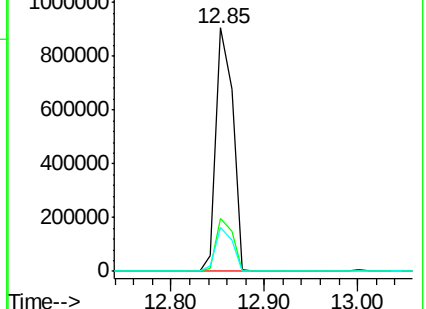
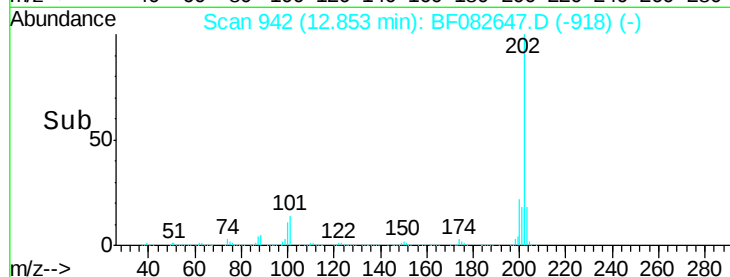
203 18.3 14.8 22.2



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: 53.95 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

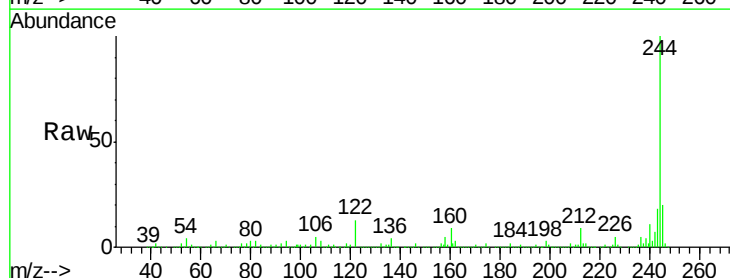
Tgt Ion:244 Resp: 1058680

Ion Ratio Lower Upper

244 100

212 8.6 7.6 11.4

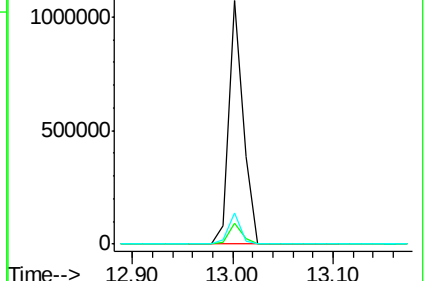
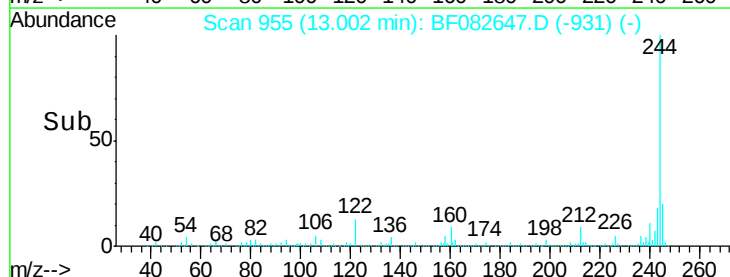
122 12.6 11.3 16.9

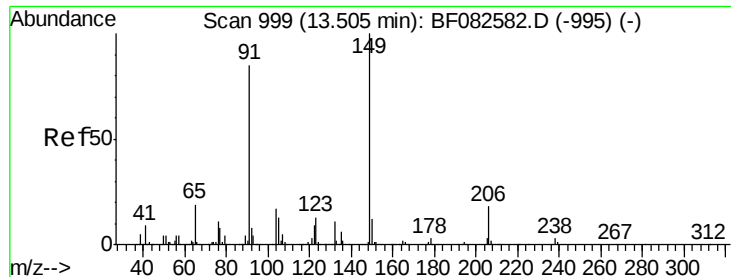


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

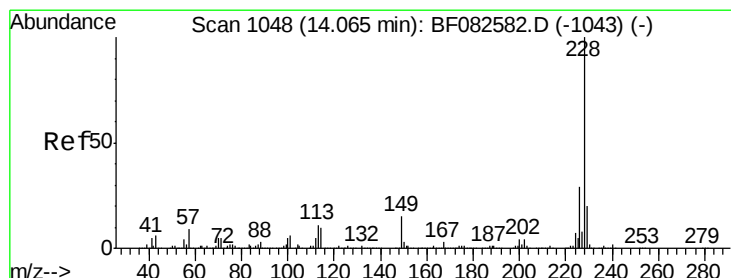
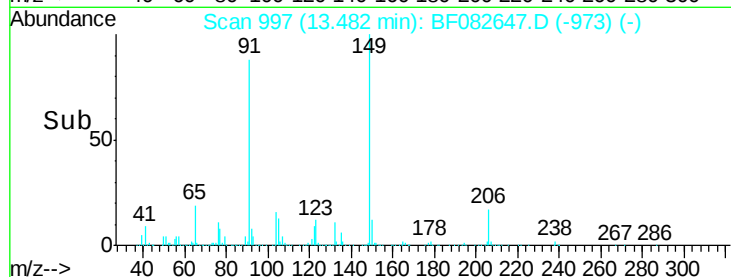
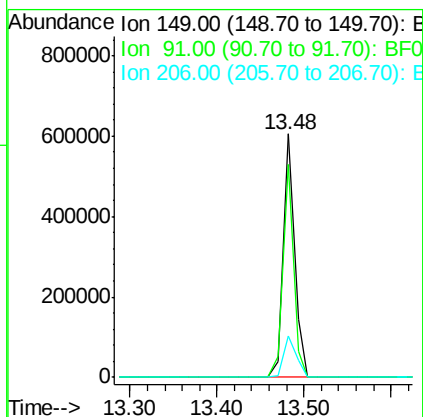
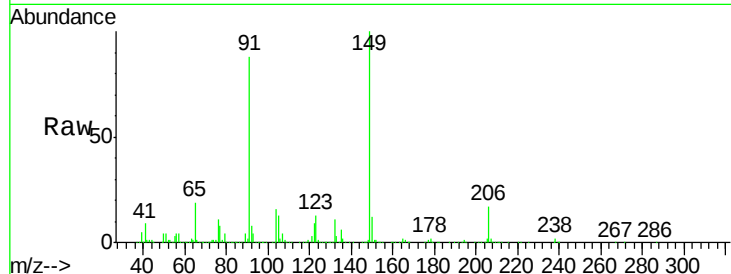




#79
Butylbenzylphthalate
Concen: 39.01 ng
RT: 13.48 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF082647.D
Acq: 2 Nov 2015 23:00

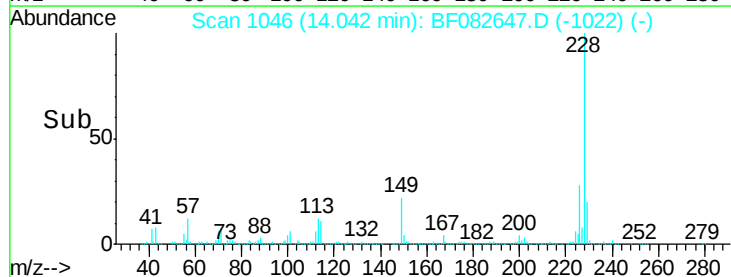
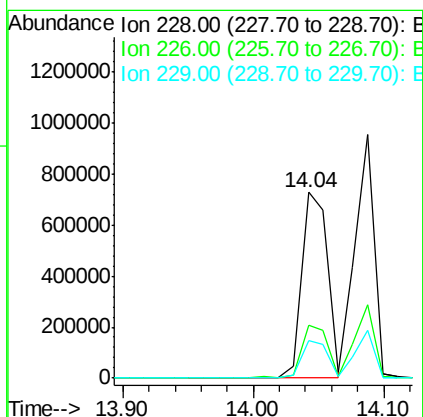
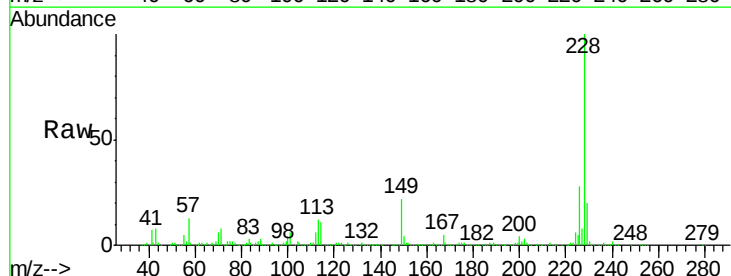
Instrument :
BNA_F
ClientSampleId :
T-16CMS

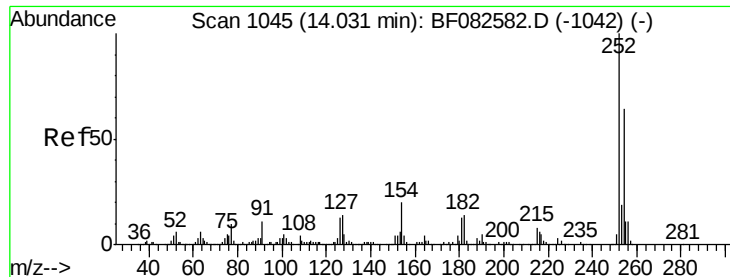
Tot Ion:149 Resp: 543418
Ion Ratio Lower Upper
149 100
91 87.6 67.7 101.5
206 16.8 14.6 22.0



#80
Benzo(a)anthracene
Concen: 36.67 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BF082647.D
Acq: 2 Nov 2015 23:00

Tgt Ion:228 Resp: 1000428
Ion Ratio Lower Upper
228 100
226 28.5 23.4 35.2
229 20.4 16.3 24.5





#81

3,3'-Dichlorobenzidine

Concen: 38.12 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

Instrument :

BNA_F

ClientSampled :

T-16CMS

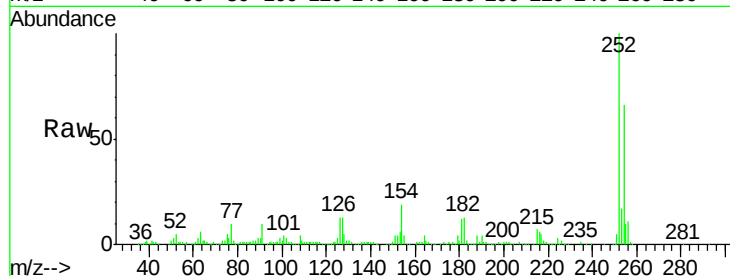
Tot Ion:252 Resp: 358293

Ion Ratio Lower Upper

252 100

254 65.6 51.4 77.0

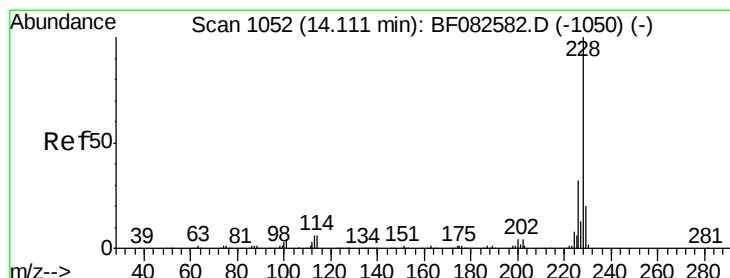
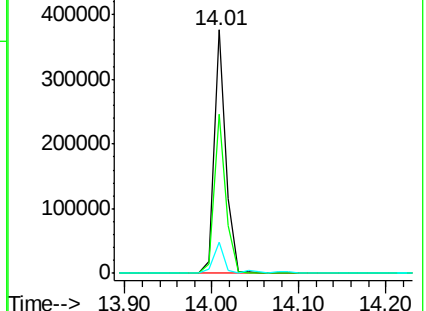
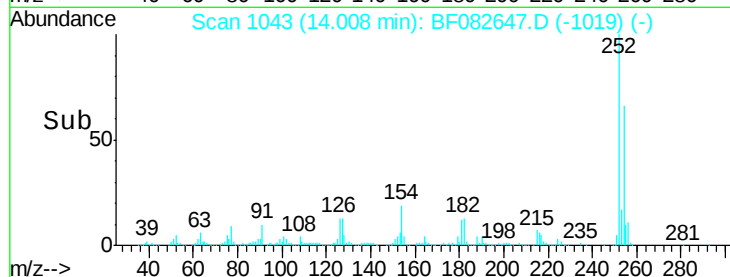
126 13.0 10.7 16.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 39.40 ng

RT: 14.09 min Scan# 1050

Delta R.T. -0.02 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

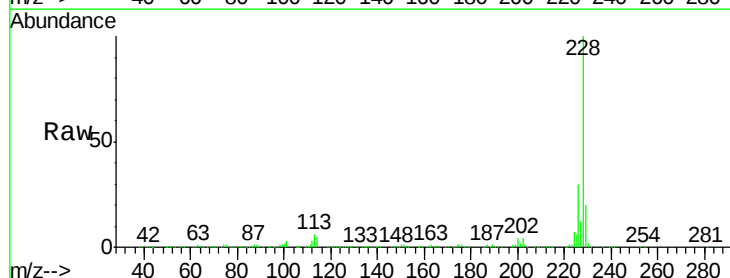
Tgt Ion:228 Resp: 974260

Ion Ratio Lower Upper

228 100

226 30.3 25.5 38.3

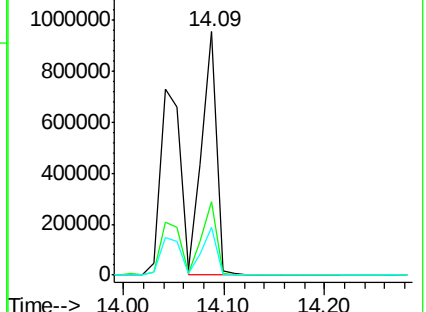
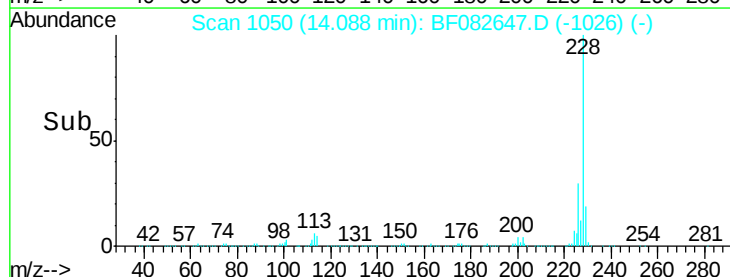
229 19.5 16.3 24.5

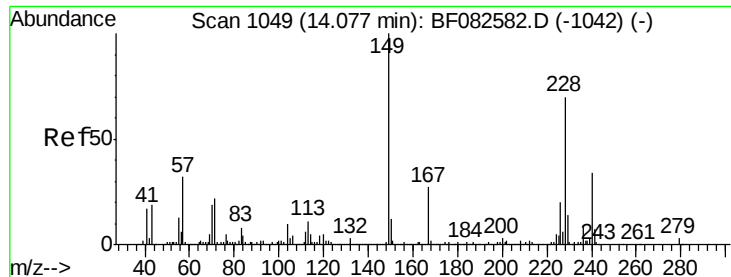


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.99 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

Instrument :

BNA_F

ClientSampleId :

T-16CMS

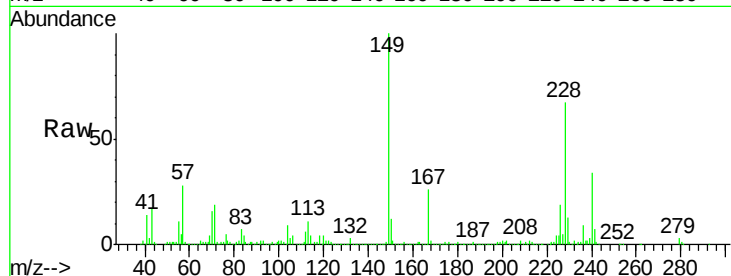
Tot Ion:149 Resp: 830490

Ion Ratio Lower Upper

149 100

167 26.0 21.2 31.8

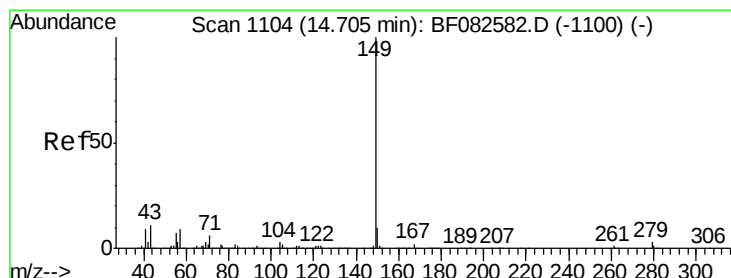
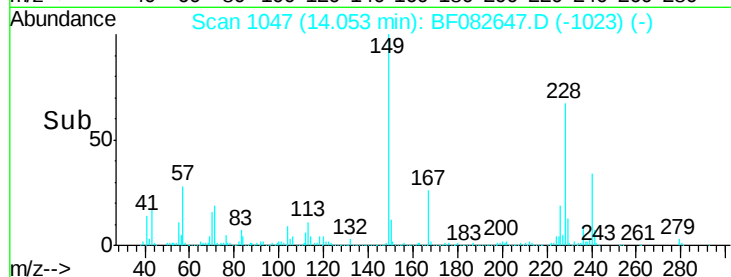
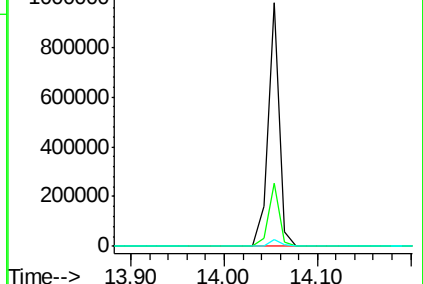
279 3.0 2.2 3.2



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: 44.69 ng

RT: 14.66 min Scan# 1100

Delta R.T. -0.05 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

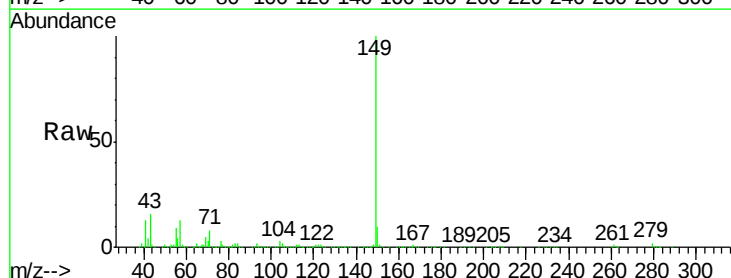
Tgt Ion:149 Resp: 1258647

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

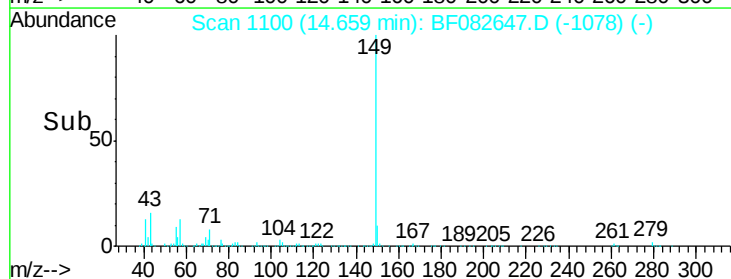
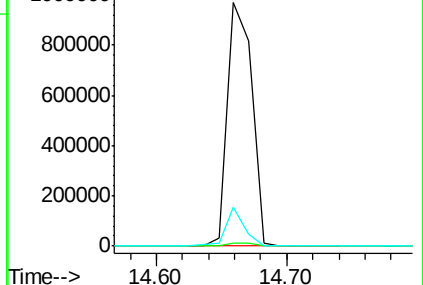
43 11.6 10.1 15.1

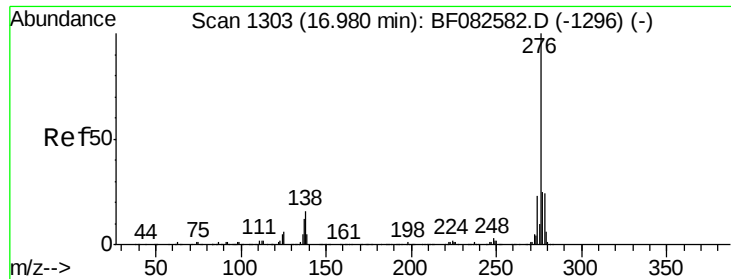


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

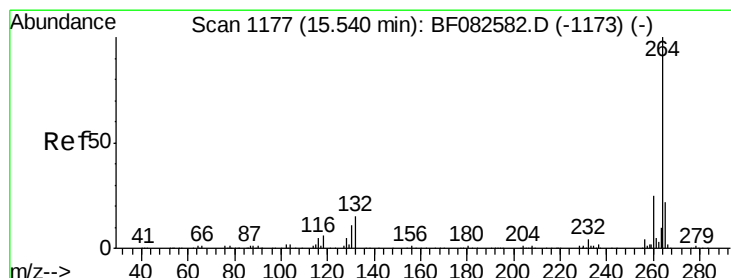
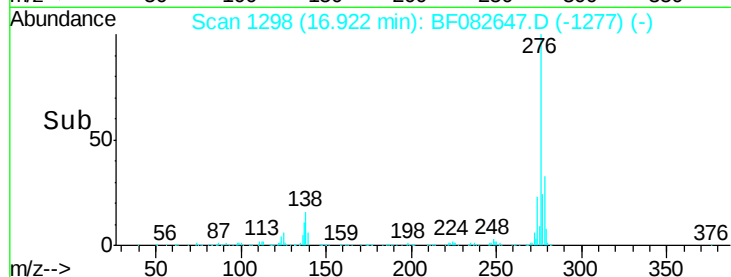
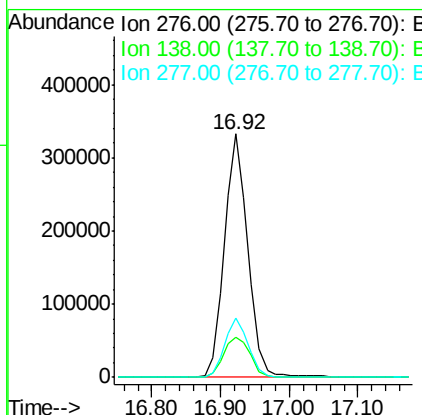
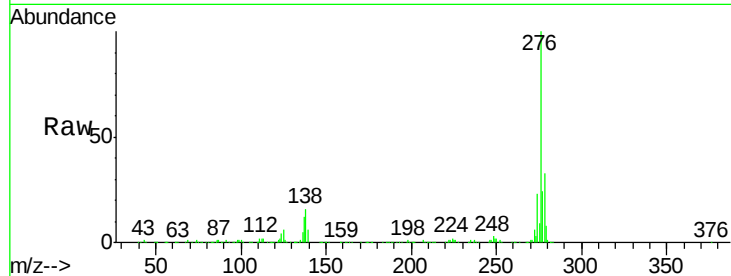




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.23 ng
 RT: 16.92 min Scan# 1298
 Delta R.T. -0.06 min
 Lab File: BF082647.D
 Acq: 2 Nov 2015 23:00

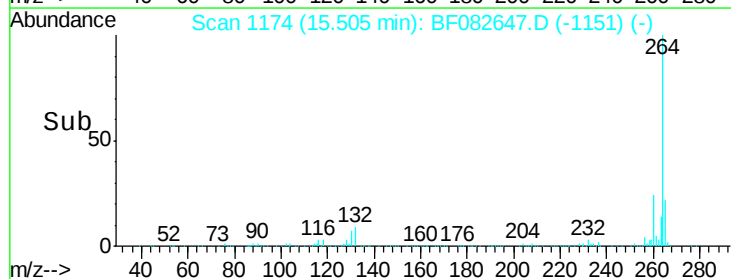
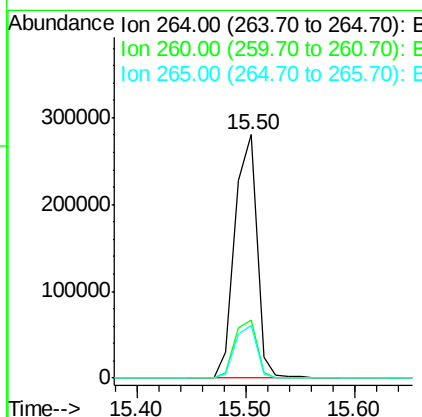
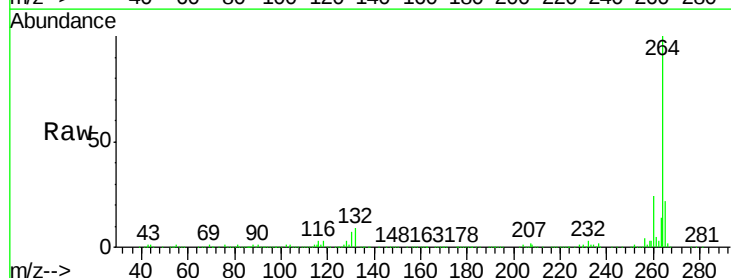
Instrument :
 BNA_F
 ClientSampleId :
 T-16CMS

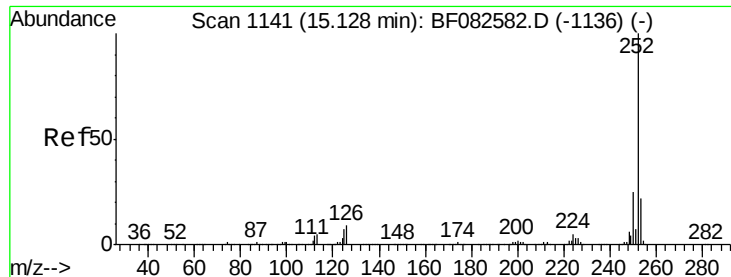
Tot Ion:276 Resp: 800467
 Ion Ratio Lower Upper
 276 100
 138 19.0 15.3 22.9
 277 25.0 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1174
 Delta R.T. -0.03 min
 Lab File: BF082647.D
 Acq: 2 Nov 2015 23:00

Tgt Ion:264 Resp: 390847
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.8 29.6
 265 21.6 17.4 26.0

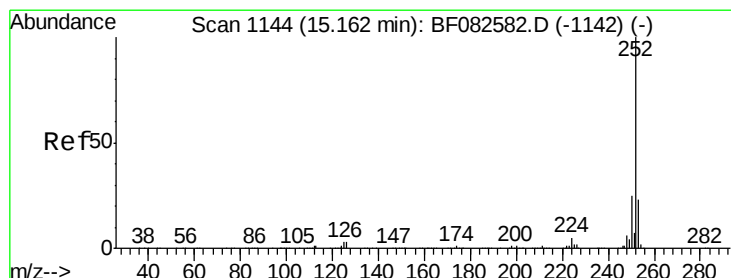
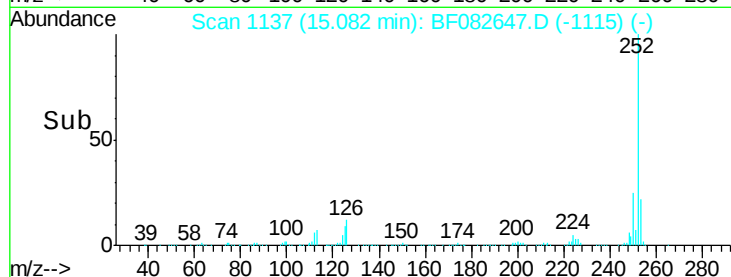
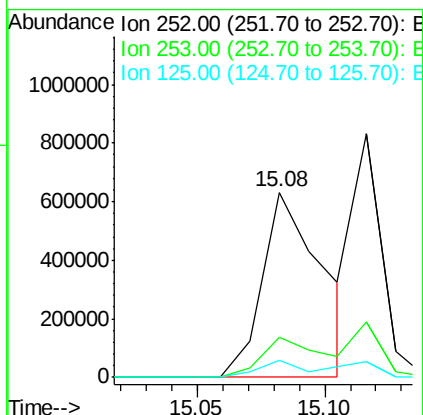
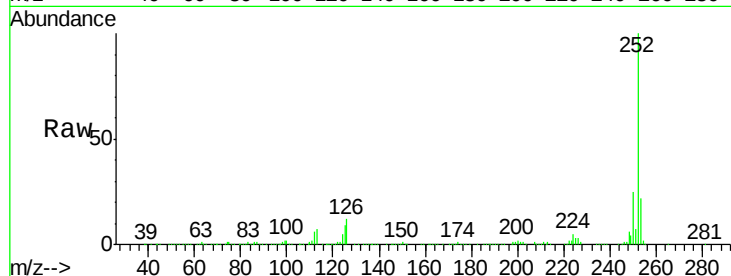




#87
Benzo(b)fluoranthene
Concen: 38.62 ng m
RT: 15.08 min Scan# 1137
Delta R.T. -0.05 min
Lab File: BF082647.D
Acq: 2 Nov 2015 23:00

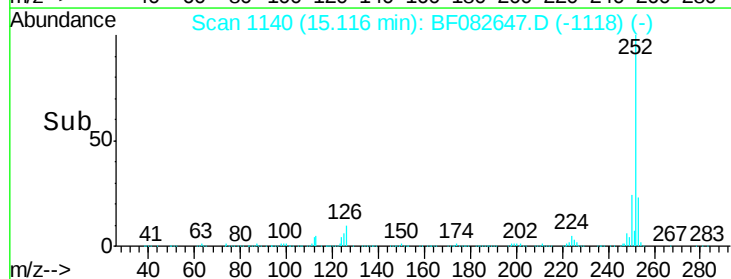
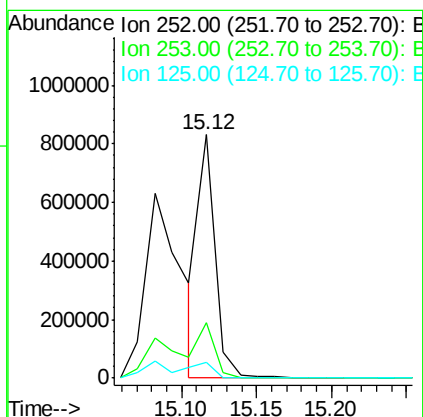
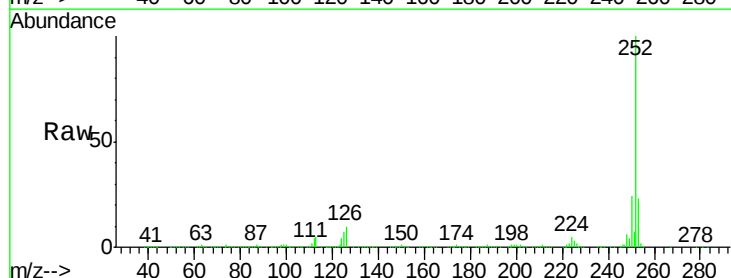
Instrument :
BNA_F
ClientSampleId :
T-16CMS

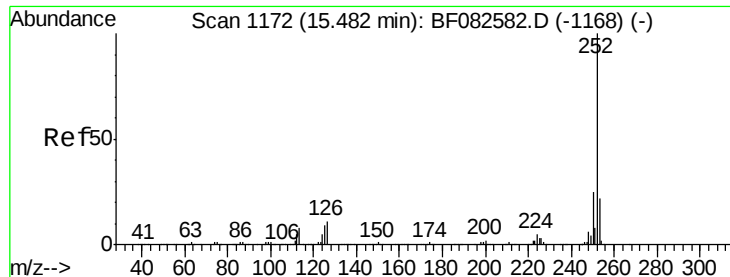
Tot Ion:252 Resp: 1040883
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 9.3 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 31.66 ng m
RT: 15.12 min Scan# 1140
Delta R.T. -0.05 min
Lab File: BF082647.D
Acq: 2 Nov 2015 23:00

Tgt Ion:252 Resp: 650128
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 6.5 3.5 5.3#

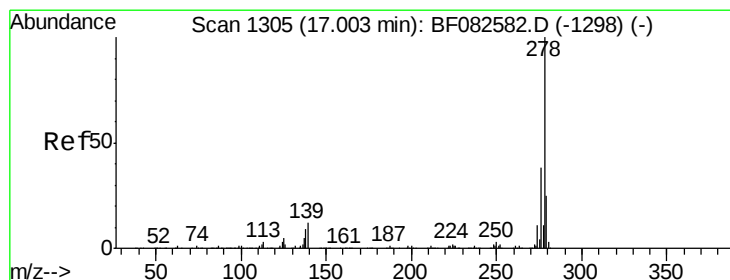
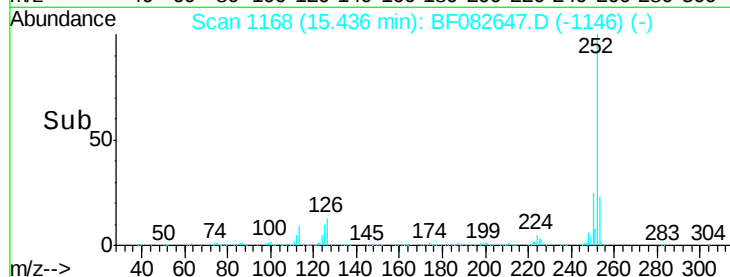
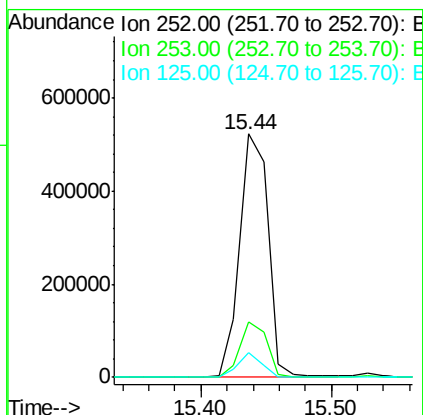
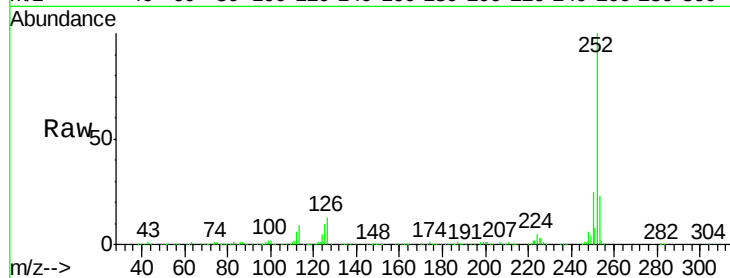




#89
Benzo(a)pyrene
Concen: 37.31 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.05 min
Lab File: BF082647.D
Acq: 2 Nov 2015 23:00

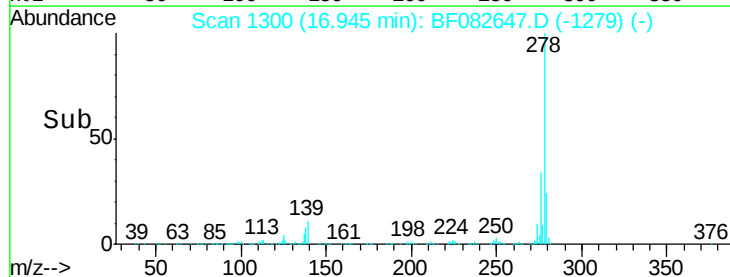
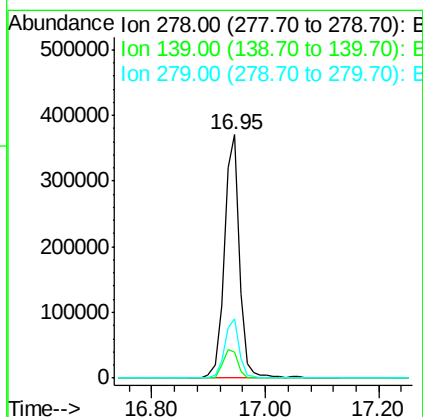
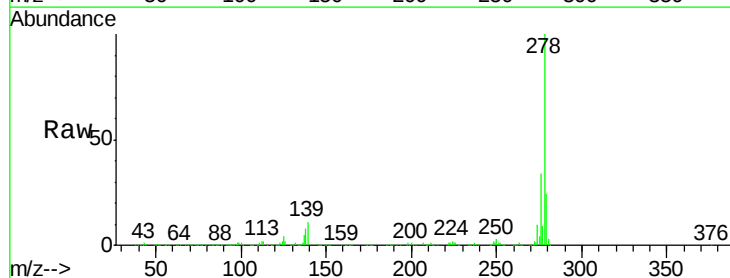
Instrument :
BNA_F
ClientSampleId :
T-16CMS

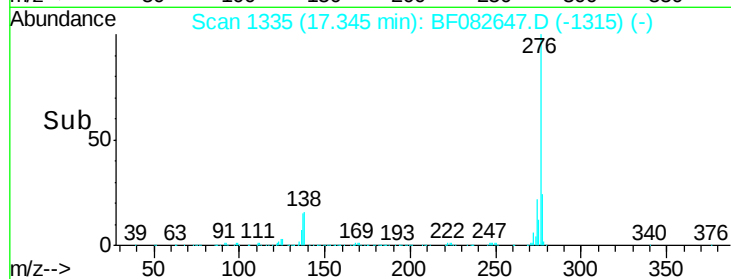
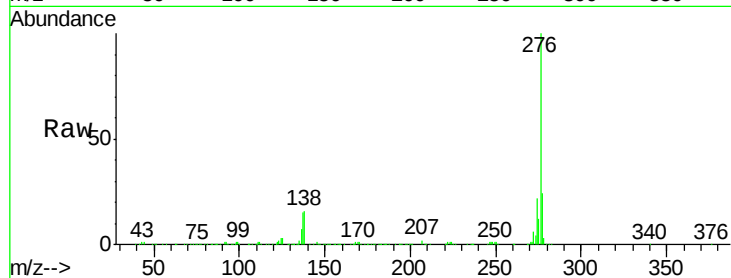
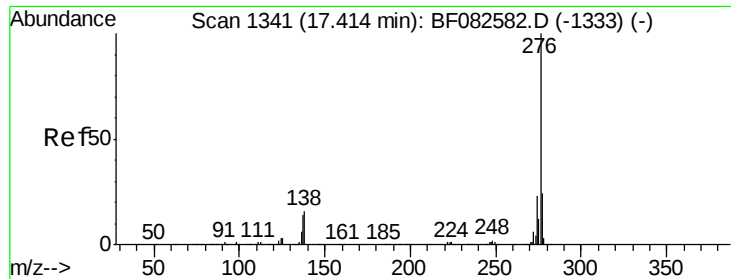
Tot Ion:252 Resp: 791911
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 10.2 7.1 10.7



#90
Dibenzo(a,h)anthracene
Concen: 35.04 ng
RT: 16.95 min Scan# 1300
Delta R.T. -0.06 min
Lab File: BF082647.D
Acq: 2 Nov 2015 23:00

Tgt Ion:278 Resp: 693937
Ion Ratio Lower Upper
278 100
139 10.8 9.9 14.9
279 24.5 19.6 29.4





#91

Benzo(a,h,i)perylene

Concen: 33.10 ng

RT: 17.35 min Scan# 1335

Delta R.T. -0.07 min

Lab File: BF082647.D

Acq: 2 Nov 2015 23:00

Instrument :

BNA_F

ClientSampleId :

T-16CMS

Tot Ion:276 Resp: 635353

Ion Ratio Lower Upper

276 100

277 23.5 19.2 28.8

138 16.2 13.1 19.7

