

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110215\
 Data File : BF082648.D
 Acq On : 2 Nov 2015 23:29
 Operator : UM/IZ
 Sample : G4238-05MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-16CMSD

Quant Time: Nov 03 05:49:02 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	194525	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	716815	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	336099	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	541257	20.00	ng	-0.02
75) Chrysene-d12	14.05	240	390452	20.00	ng	-0.02
86) Perylene-d12	15.51	264	380298	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1705309	132.04	ng	0.00
7) Phenol-d6	6.53	99	2441458	142.29	ng	0.00
23) Nitrobenzene-d5	7.46	82	1660594	94.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	518329	140.92	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	2120169	89.56	ng	-0.01
78) Terphenyl-d14	13.00	244	1516221	84.98	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	226330	37.91	ng	94
3) Pyridine	3.31	79	695933	39.75	ng	98
4) n-Nitrosodimethylamine	3.25	42	385988	39.17	ng	98
6) Aniline	6.56	93	805122	33.70	ng	97
8) 2-Chlorophenol	6.68	128	639572	45.77	ng	99
9) Benzaldehyde	6.43	77	242087	20.67	ng	92
10) Phenol	6.54	94	951262	48.93	ng	95
11) bis(2-Chloroethyl)ether	6.62	93	618922	43.15	ng	94
12) 1,3-Dichlorobenzene	6.83	146	668254	41.94	ng	93
13) 1,4-Dichlorobenzene	6.91	146	741349	46.91	ng	95
14) 1,2-Dichlorobenzene	7.06	146	601238m	40.99	ng	
15) Benzyl Alcohol	7.04	79	742506	46.41	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.17	45	969000	42.51	ng	98
17) 2-Methylphenol	7.15	107	561712	47.28	ng	100
18) Hexachloroethane	7.41	117	228105	36.98	ng	# 79
19) n-Nitroso-di-n-propylamine	7.31	70	490999	37.75	ng	93
20) 3+4-Methylphenols	7.30	107	659975	42.74	ng	# 90
22) Acetophenone	7.30	105	955180	45.26	ng	# 83
24) Nitrobenzene	7.47	77	695187	39.18	ng	# 86
25) Isophorone	7.72	82	1414495	43.80	ng	97
26) 2-Nitrophenol	7.79	139	298152	46.00	ng	84
27) 2,4-Dimethylphenol	7.84	122	637569	50.39	ng	97
28) bis(2-Chloroethoxy)methane	7.93	93	751832	42.56	ng	97
29) 2,4-Dichlorophenol	8.04	162	527178	45.71	ng	96
30) 1,2,4-Trichlorobenzene	8.12	180	567291	44.32	ng	97
31) Naphthalene	8.20	128	1800648	46.42	ng	99
32) Benzoic acid	7.93	122	167485	18.25	ng	92
33) 4-Chloroaniline	8.25	127	381926	23.06	ng	# 86
34) Hexachlorobutadiene	8.33	225	367417	45.14	ng	98
35) Caprolactam	8.61	113	166851	47.15	ng	# 88
36) 4-Chloro-3-methylphenol	8.73	107	599400	44.14	ng	99
37) 2-Methylnaphthalene	8.90	142	1111503m	44.22	ng	
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	491091	43.79	ng	99
40) Hexachlorocyclopentadiene	9.06	237	253835	36.00	ng	96

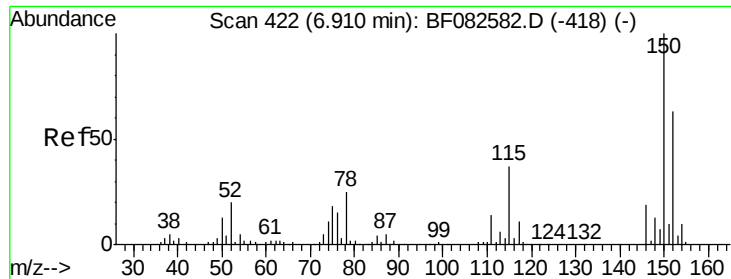
Data Path : Z:\HPCHEM1\BNA F\DATA\BF110215\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	402214m	49.67	nq	
43) 2,4,5-Trichlorophenol	9.21	196	378737m	46.94	nq	
45) 1,1'-Biphenyl	9.36	154	1186121	41.78	nq	96
46) 2-Chloronaphthalene	9.38	162	968975	43.71	nq	94
47) 2-Nitroaniline	9.47	65	375654	43.59	nq	92
48) Acenaphthylene	9.80	152	1648721	46.50	nq	99
49) Dimethylphthalate	9.66	163	1775176	64.67	nq	99
50) 2,6-Dinitrotoluene	9.72	165	283057	49.75	nq	# 64
51) Acenaphthene	9.97	154	1074798	47.75	nq	98
52) 3-Nitroaniline	9.88	138	220889	34.90	nq	87
53) 2,4-Dinitrophenol	9.98	184	122268	43.66	nq	# 23
54) Dibenzofuran	10.14	168	1489615	48.77	nq	93
55) 4-Nitrophenol	10.04	139	395546	83.05	nq	# 80
56) 2,4-Dinitrotoluene	10.12	165	397299	51.64	nq	# 82
57) Fluorene	10.49	166	1164502	47.27	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	313434	45.96	nq	95
59) Diethylphthalate	10.36	149	1181519	42.28	nq	97
60) 4-Chlorophenyl-phenylether	10.48	204	504174	42.10	nq	# 83
61) 4-Nitroaniline	10.50	138	276660	45.80	nq	# 82
62) Azobenzene	10.64	77	1349700	42.83	nq	91
64) 4,6-Dinitro-2-methylphenol	10.52	198	89409	27.39	nq	# 42
65) n-Nitrosodiphenylamine	10.59	169	913652	49.11	nq	99
66) 4-Bromophenyl-phenylether	10.97	248	326106	53.17	nq	# 83
67) Hexachlorobenzene	11.04	284	355718	52.30	nq	# 75
68) Atrazine	11.13	200	350426	57.56	nq	94
69) Pentachlorophenol	11.23	266	444926	99.21	nq	99
70) Phenanthrene	11.45	178	1567869	51.36	nq	98
71) Anthracene	11.49	178	1409933	45.87	nq	99
72) Carbazole	11.64	167	1269813	47.43	nq	100
73) Di-n-butylphthalate	11.98	149	1603701	47.05	nq	100
74) Fluoranthene	12.64	202	1386087	44.41	nq	94
76) Benzidine	12.75	184	818428	46.48	nq	99
77) Pyrene	12.86	202	1373841	47.52	nq	98
79) Butylbenzylphthalate	13.48	149	621765	49.10	nq	95
80) Benzo(a)anthracene	14.04	228	1126234	45.41	nq	100
81) 3,3'-Dichlorobenzidine	14.01	252	387853	45.38	nq	100
82) Chrysene	14.09	228	1134863	50.48	nq	100
83) Bis(2-ethylhexyl)phthalate	14.05	149	931149	56.72	nq	# 99
84) Di-n-octyl phthalate	14.66	149	1408885	55.02	nq	99
85) Indeno(1,2,3-cd)pyrene	16.92	276	1008132	54.34	nq	99
87) Benzo(b)fluoranthene	15.08	252	1234380m	47.07	nq	
88) Benzo(k)fluoranthene	15.12	252	800811m	40.08	nq	
89) Benzo(a)pyrene	15.45	252	953762	46.18	nq	# 97
90) Dibenzo(a,h)anthracene	16.95	278	864526	44.86	nq	98
91) Benzo(g,h,i)perylene	17.36	276	804956	43.10	nq	97

(#) = 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: BF082648.D

Acq: 2 Nov 2015 23:29

Instrument :

BNA_F

ClientSampleId :

T-16CMSD

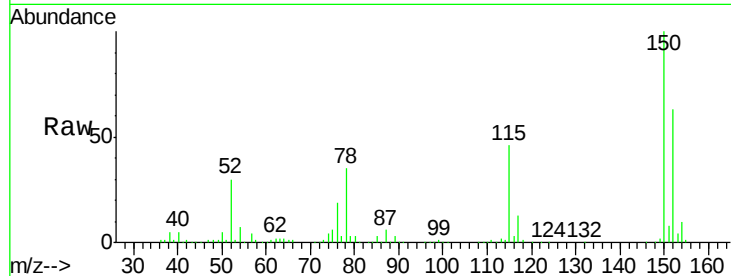
Tot Ion:152 Resp: 194525

Ion Ratio Lower Upper

152 100

150 158.4 127.0 190.4

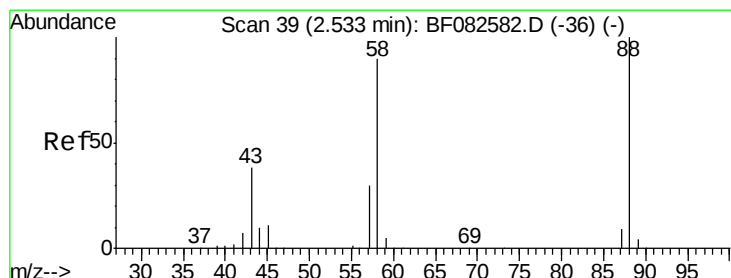
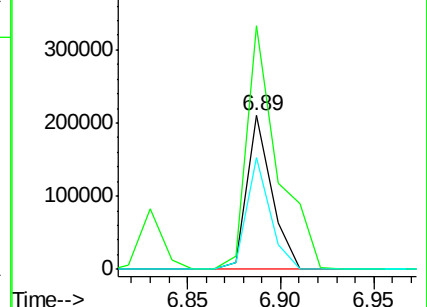
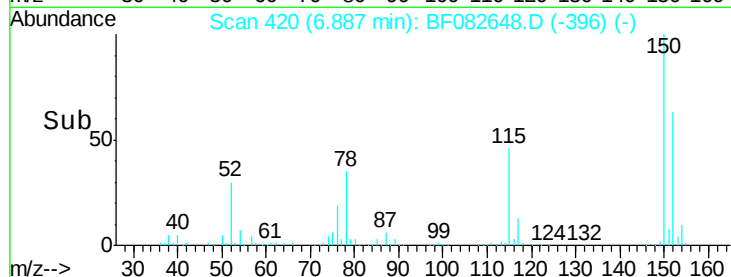
115 72.9 47.0 70.6#



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: 37.91 ng

RT: 2.58 min Scan# 43

Delta R.T. 0.05 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

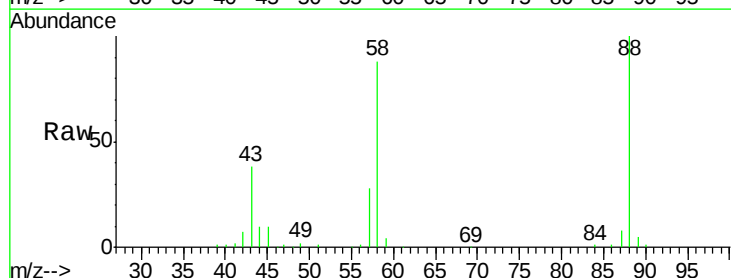
Tgt Ion: 88 Resp: 226330

Ion Ratio Lower Upper

88 100

58 83.5 62.0 93.0

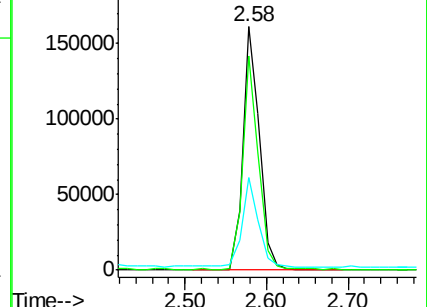
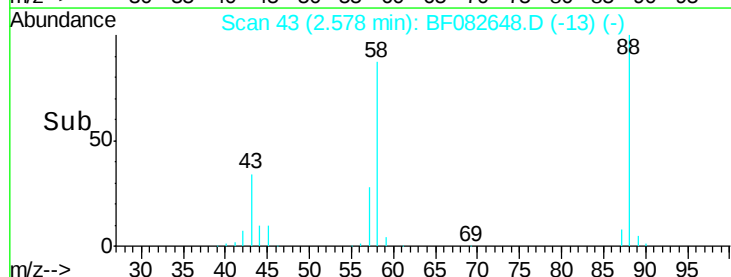
43 36.2 26.6 40.0

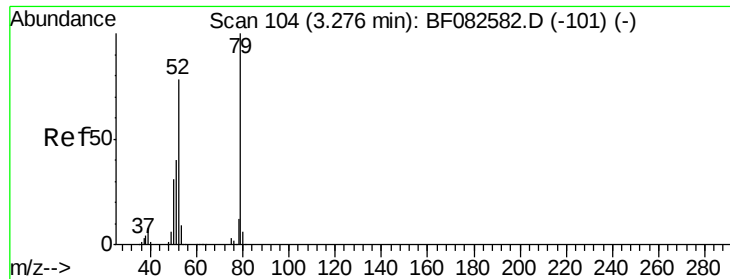


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 39.75 ng

RT: 3.31 min Scan# 107

Delta R.T. 0.03 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

Instrument :

BNA_F

ClientSampleId :

T-16CMSD

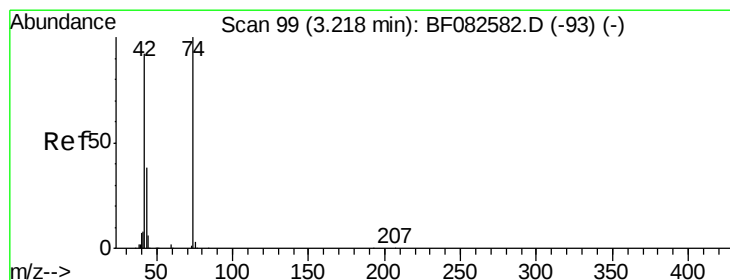
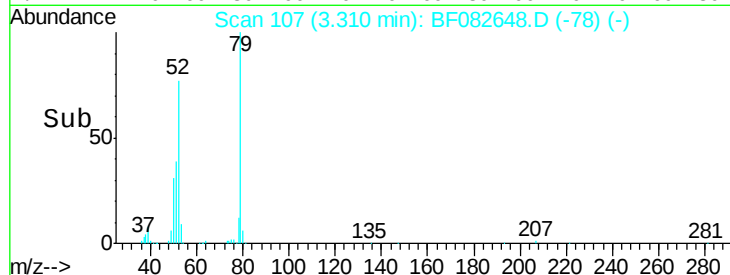
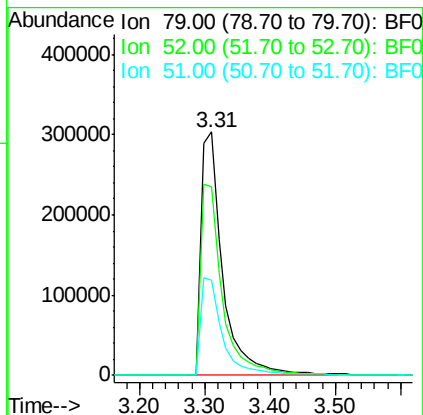
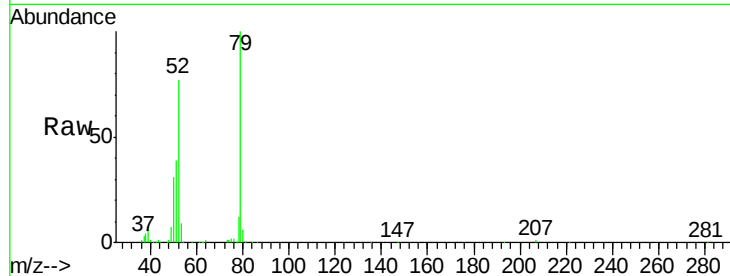
Tot Ion: 79 Resp: 695933

Ion Ratio Lower Upper

79 100

52 77.2 62.8 94.2

51 38.9 32.0 48.0



#4

n-Nitrosodimethylamine

Concen: 39.17 ng

RT: 3.25 min Scan# 102

Delta R.T. 0.03 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

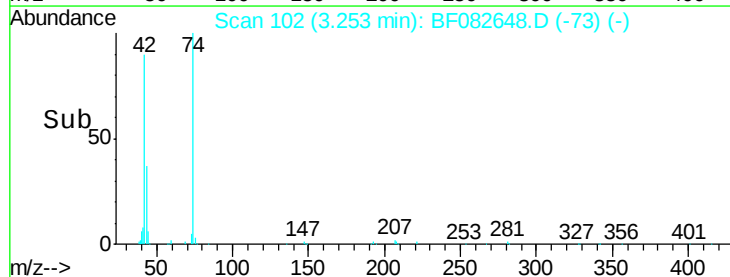
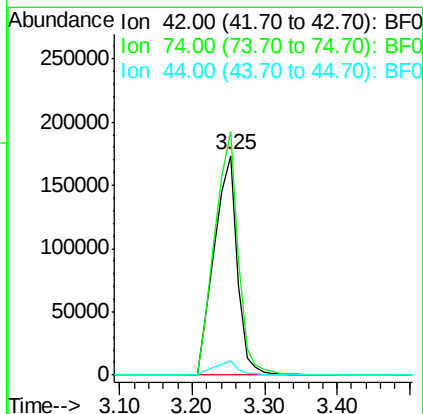
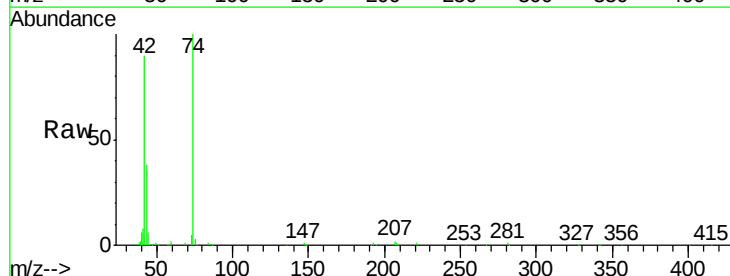
Tgt Ion: 42 Resp: 385988

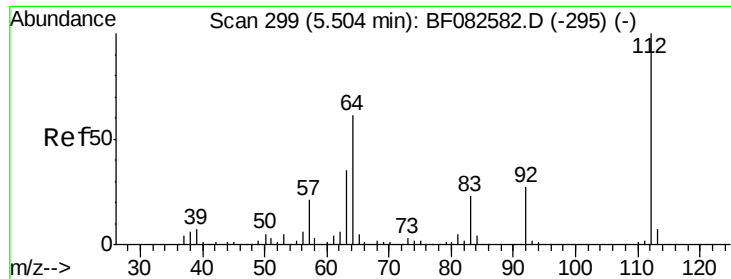
Ion Ratio Lower Upper

42 100

74 110.8 87.0 130.4

44 6.4 5.8 8.8





#5

2-Fluorophenol

Concen: 132.04 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.00 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

Instrument :

BNA_F

ClientSampleId :

T-16CMSD

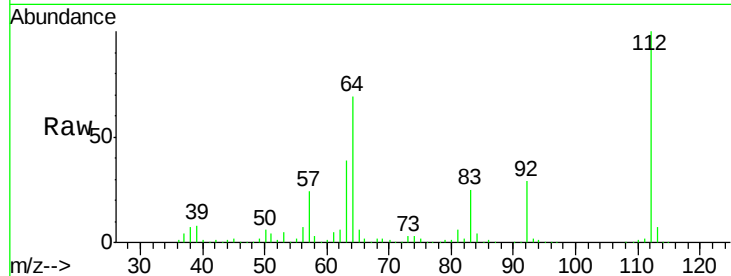
Tot Ion:112 Resp: 1705309

Ion Ratio Lower Upper

112 100

64 69.5 48.9 73.3

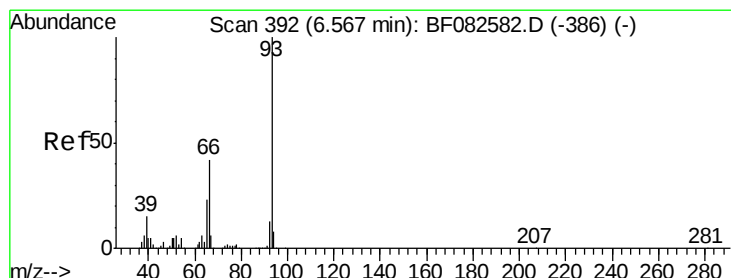
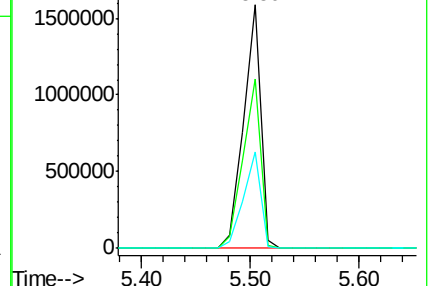
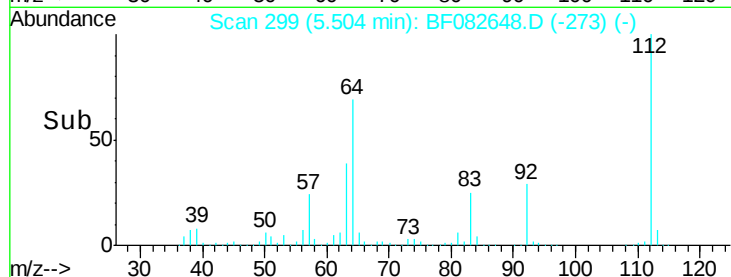
63 39.4 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 33.70 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

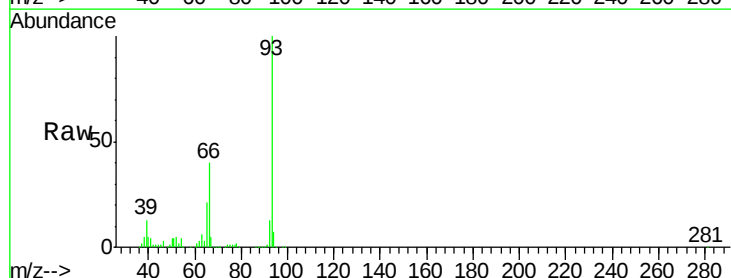
Tgt Ion: 93 Resp: 805122

Ion Ratio Lower Upper

93 100

66 40.4 33.6 50.4

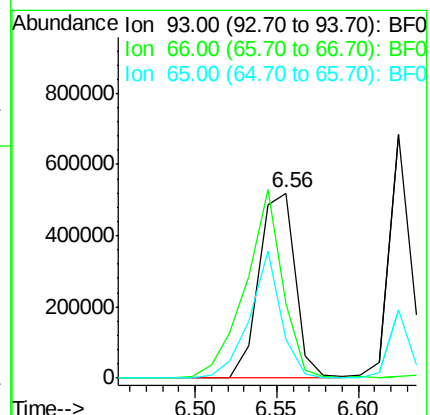
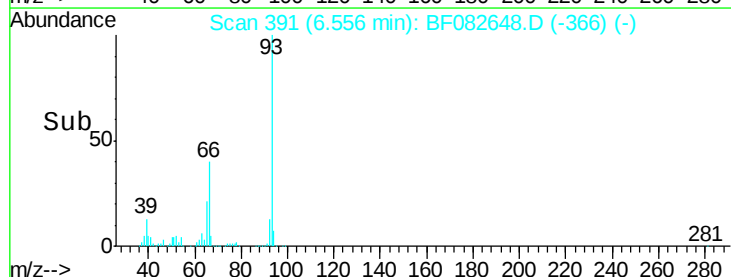
65 20.7 18.1 27.1

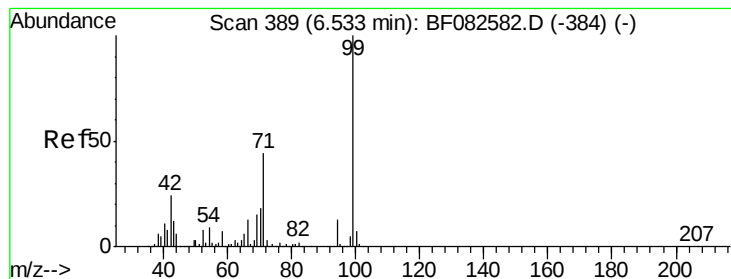


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 142.29 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

Instrument :

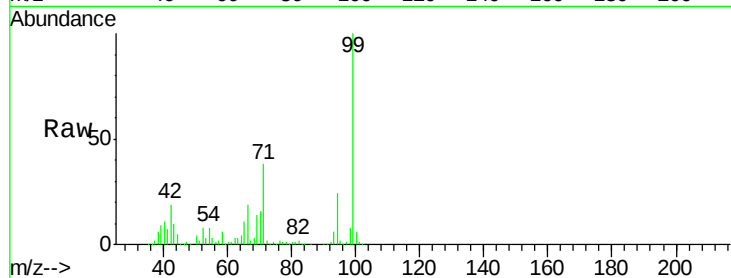
BNA_F

ClientSampleId :

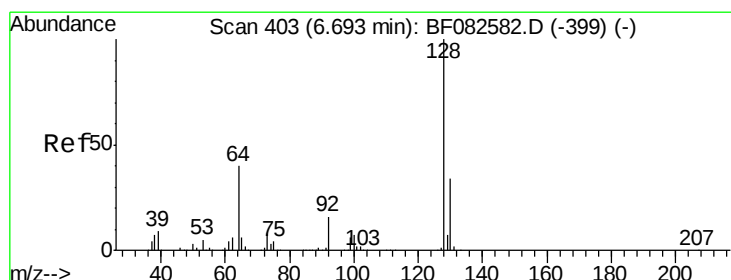
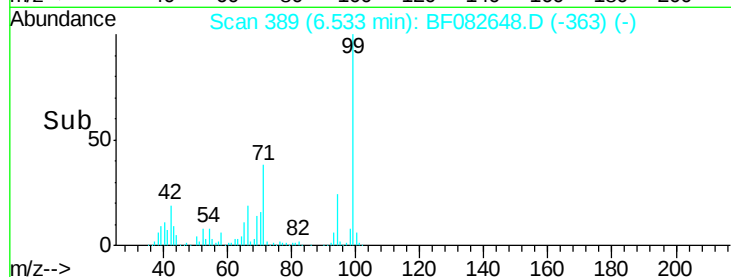
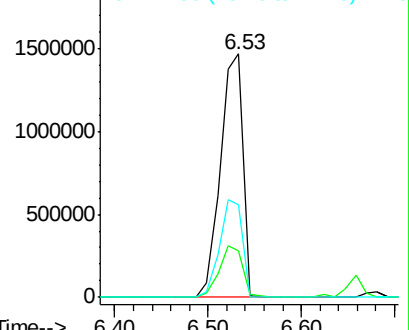
T-16CMSD

Tot Ion: 99 Resp: 2441458

Ion	Ratio	Lower	Upper
99	100		
42	19.0	19.2	28.8#
71	38.0	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: 45.77 ng

RT: 6.68 min Scan# 402

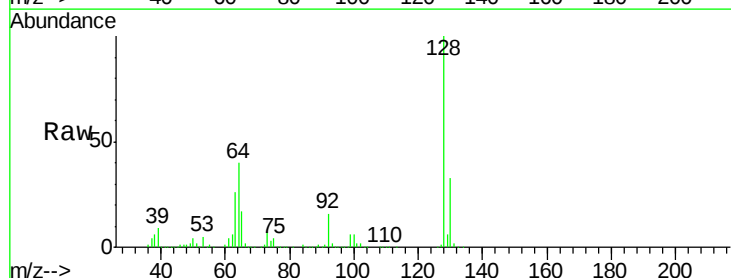
Delta R.T. -0.01 min

Lab File: BF082648.D

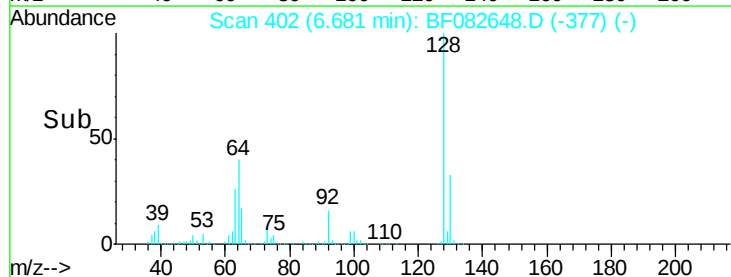
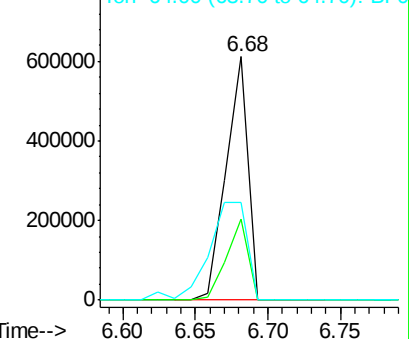
Acq: 2 Nov 2015 23:29

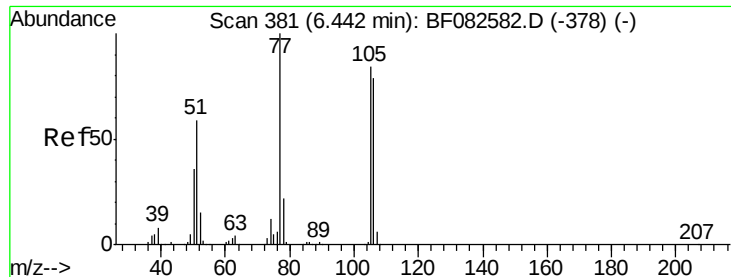
Tgt Ion:128 Resp: 639572

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.5	53.5
64	40.0	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: 20.67 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

Instrument :

BNA_F

ClientSampleId :

T-16CMSD

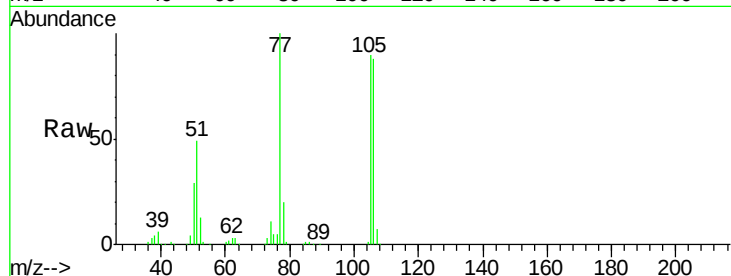
Tot Ion: 77 Resp: 242087

Ion Ratio Lower Upper

77 100

105 90.1 63.5 103.5

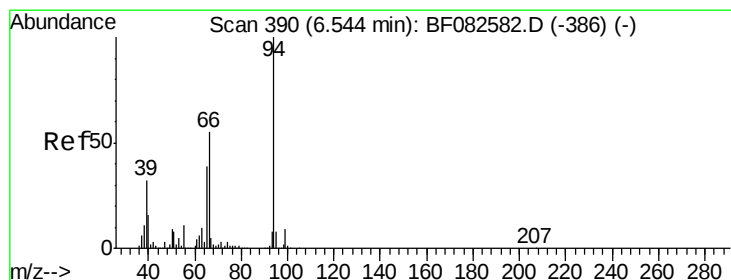
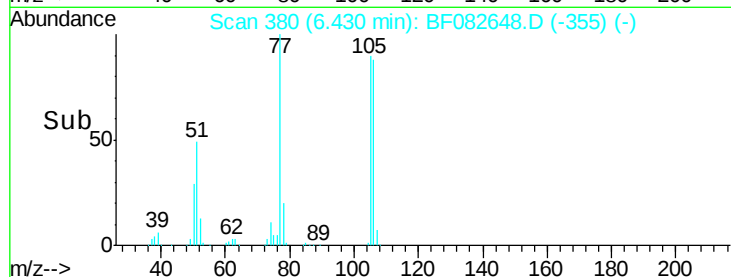
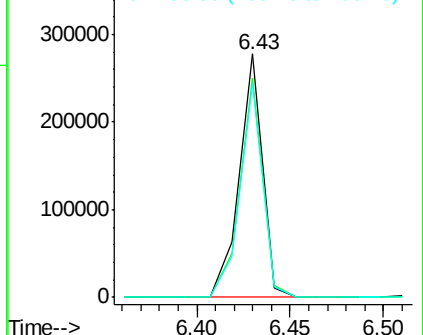
106 87.8 59.3 99.3



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: 48.93 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

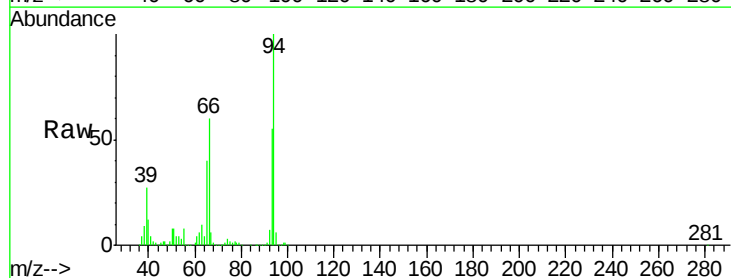
Tgt Ion: 94 Resp: 951262

Ion Ratio Lower Upper

94 100

65 40.1 18.9 58.9

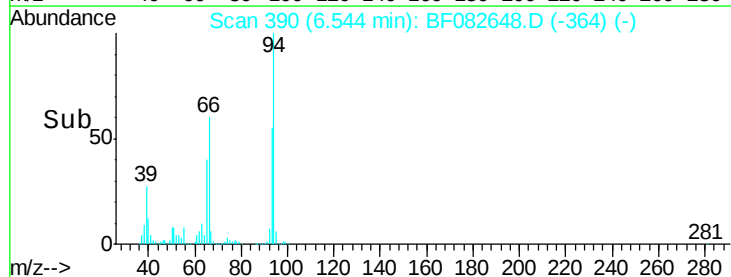
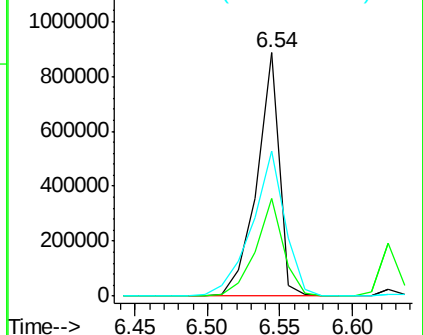
66 59.7 34.9 74.9

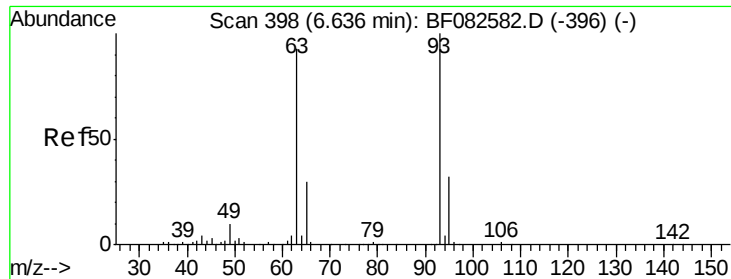


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

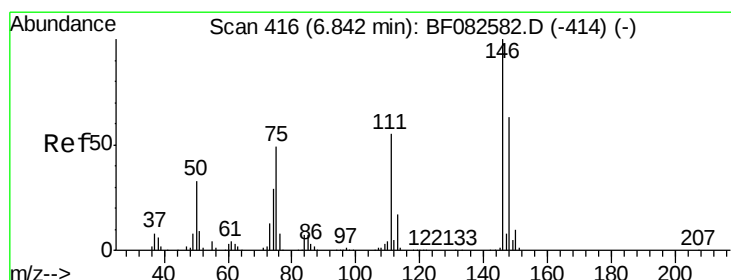
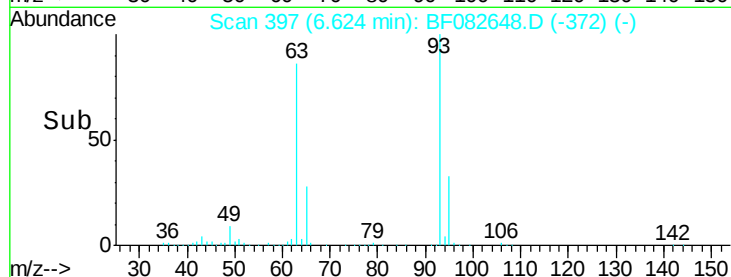
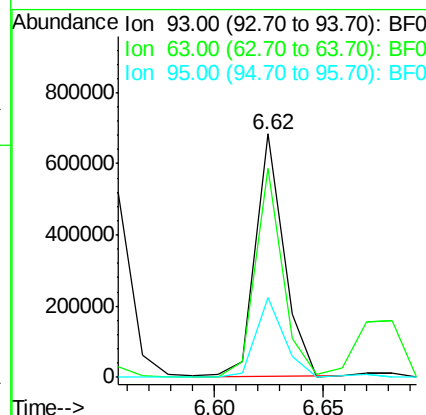
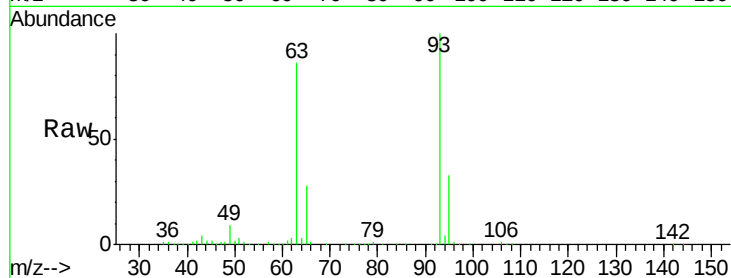




#11
bis(2-Chloroethyl)ether
Concen: 43.15 ng
RT: 6.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF082648.D
Acq: 2 Nov 2015 23:29

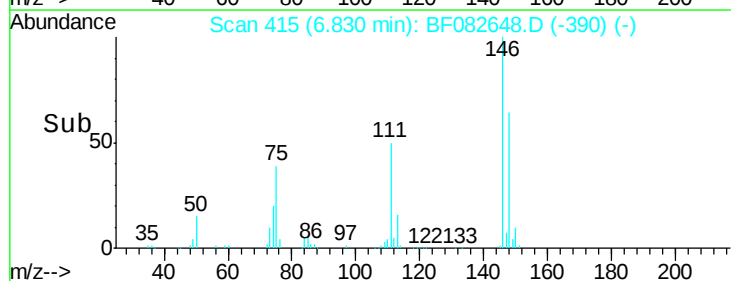
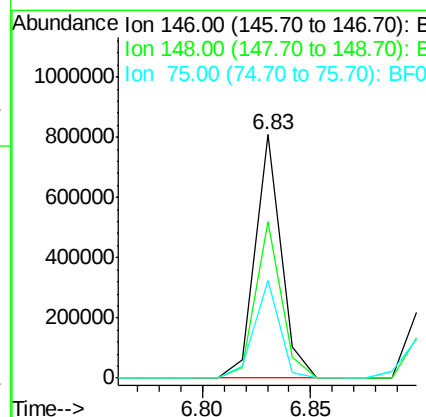
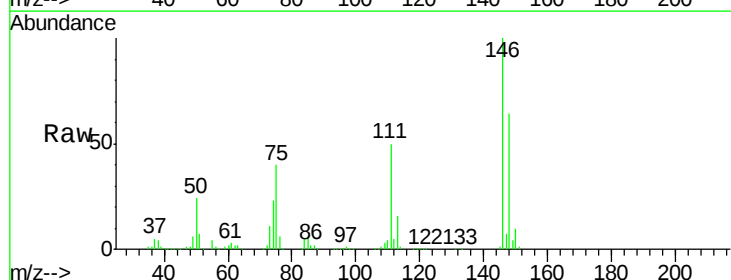
Instrument :
BNA_F
ClientSampleId :
T-16CMSD

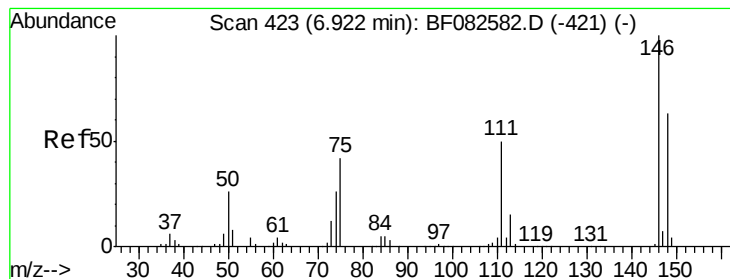
Tot Ion: 93 Resp: 618922
Ion Ratio Lower Upper
93 100
63 85.6 72.7 112.7
95 32.8 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 41.94 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF082648.D
Acq: 2 Nov 2015 23:29

Tgt Ion: 146 Resp: 668254
Ion Ratio Lower Upper
146 100
148 64.5 50.5 75.7
75 40.2 39.5 59.3





#13

1,4-Dichlorobenzene

Concen: 46.91 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

Instrument :

BNA_F

ClientSampleId :

T-16CMSD

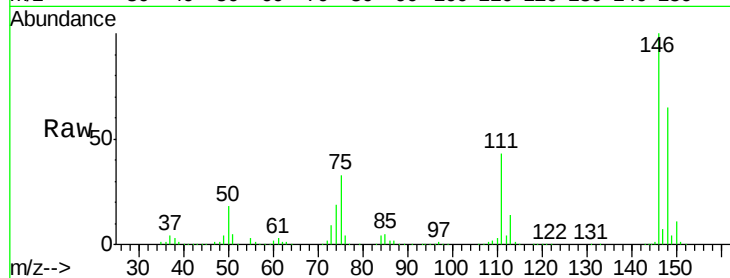
Tot Ion:146 Resp: 741349

Ion Ratio Lower Upper

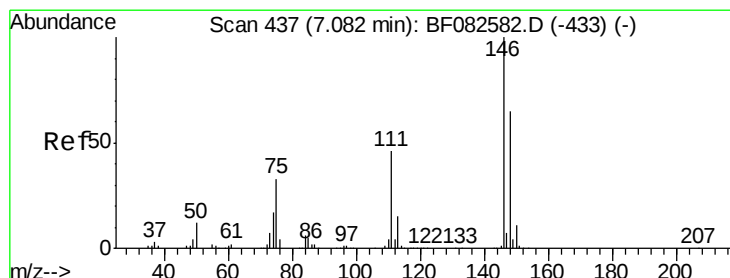
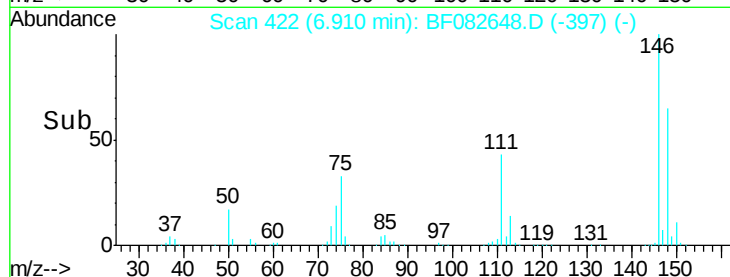
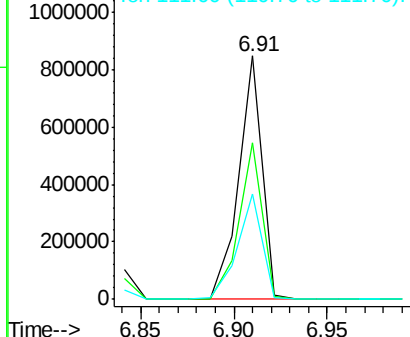
146 100

148 64.5 50.8 76.2

111 43.5 40.6 60.8



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



#14

1,2-Dichlorobenzene

Concen: 40.99 ng m

RT: 7.06 min Scan# 435

Delta R.T. -0.02 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

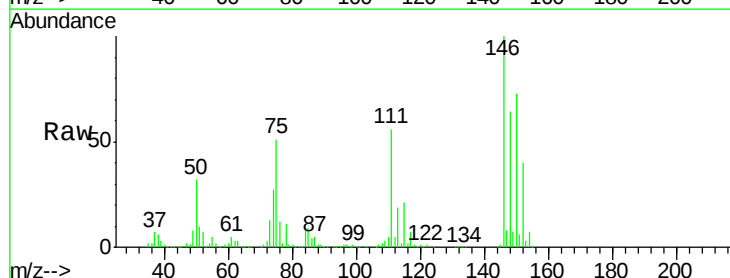
Tgt Ion:146 Resp: 601238

Ion Ratio Lower Upper

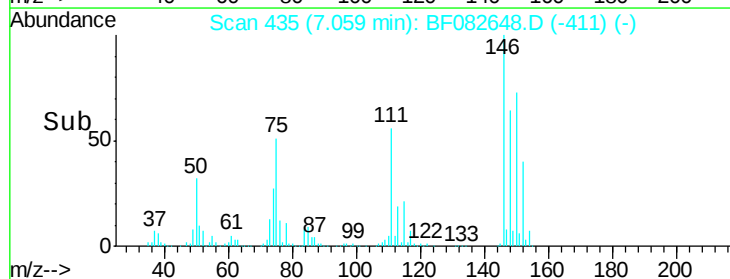
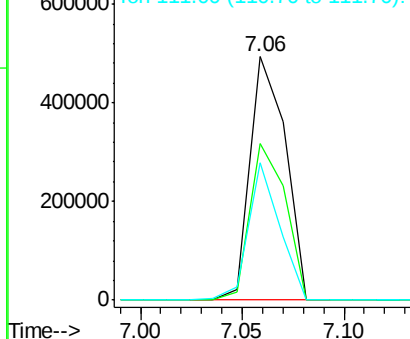
146 100

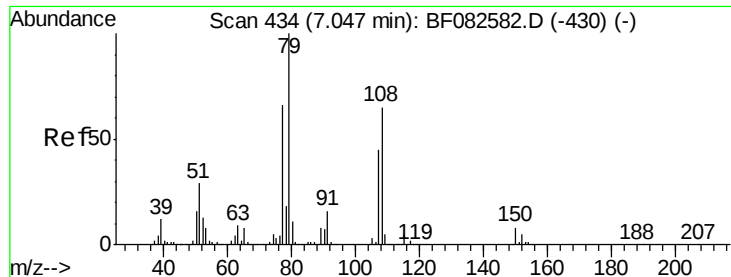
148 64.2 52.2 78.4

111 56.5 36.6 55.0#



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





#15

Benzyl Alcohol

Concen: 46.41 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

Instrument :

BNA_F

ClientSampleId :

T-16CMSD

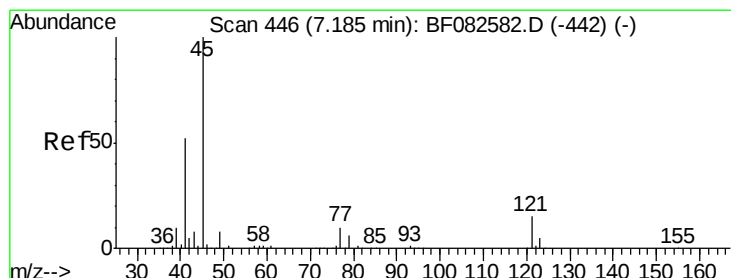
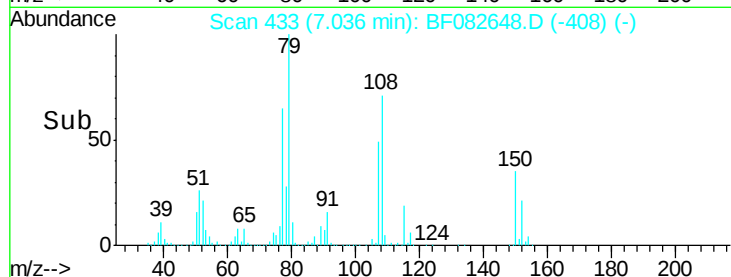
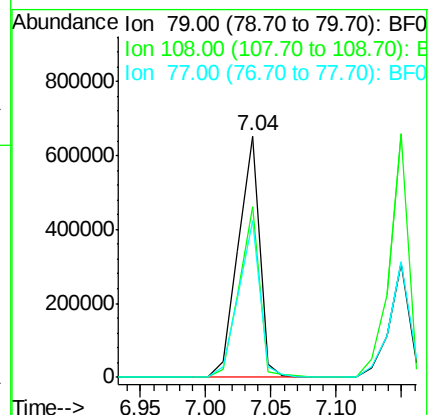
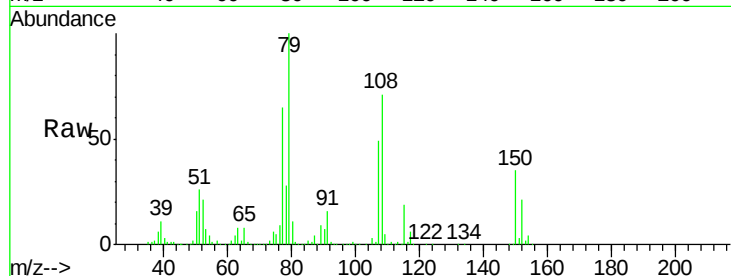
Tot Ion: 79 Resp: 742506

Ion Ratio Lower Upper

79 100

108 70.9 52.2 78.4

77 65.0 52.7 79.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.51 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

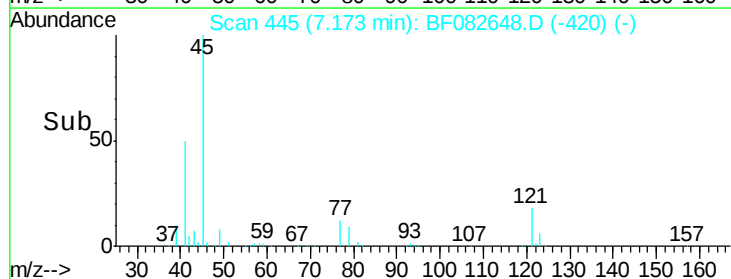
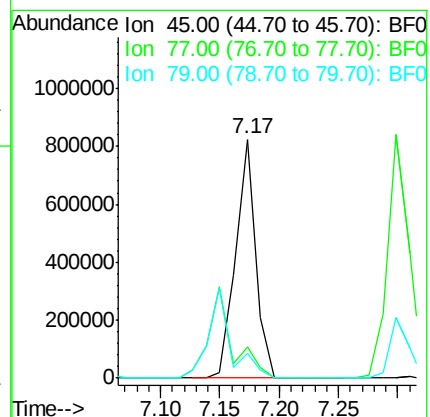
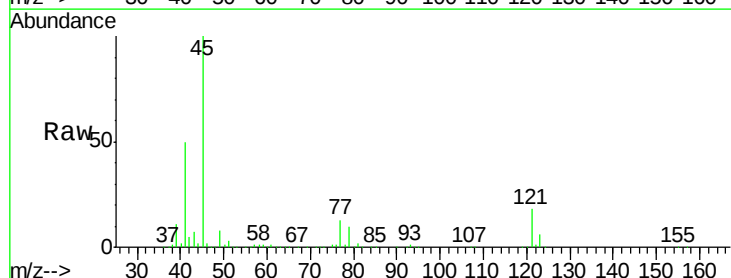
Tgt Ion: 45 Resp: 969000

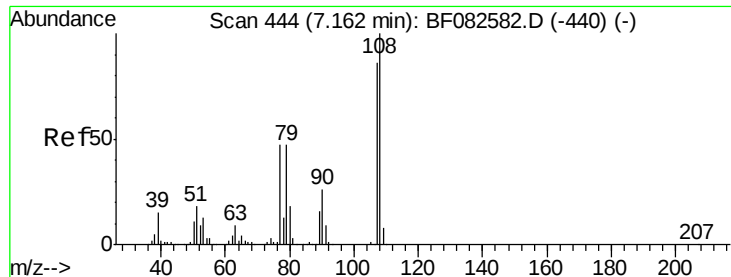
Ion Ratio Lower Upper

45 100

77 13.1 0.0 32.6

79 10.4 0.0 29.2





#17

2-Methylphenol

Concen: 47.28 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

Instrument :

BNA_F

ClientSampleId :

T-16CMSD

Tot Ion:107 Resp: 561712

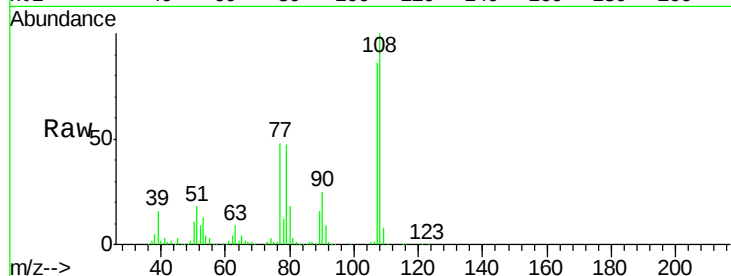
Ion Ratio Lower Upper

107 100

108 116.3 93.0 139.4

77 55.5 44.1 66.1

79 54.7 43.6 65.4

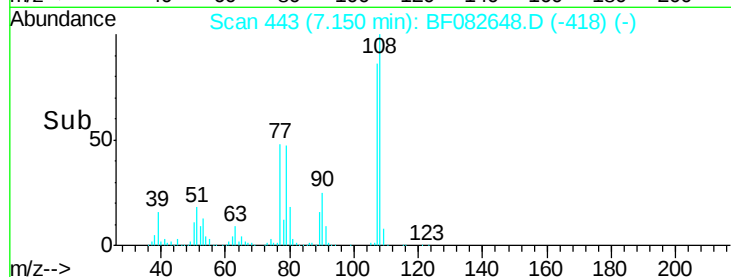


Abundance Ion 107.00 (106.70 to 107.70): E

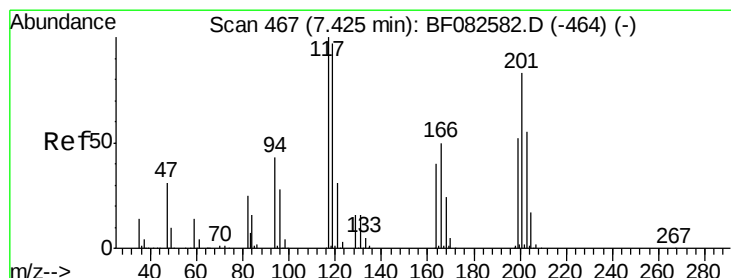
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 36.98 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

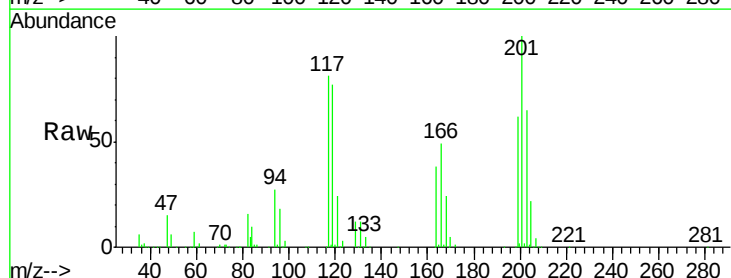
Tgt Ion:117 Resp: 228105

Ion Ratio Lower Upper

117 100

119 95.8 77.7 116.5

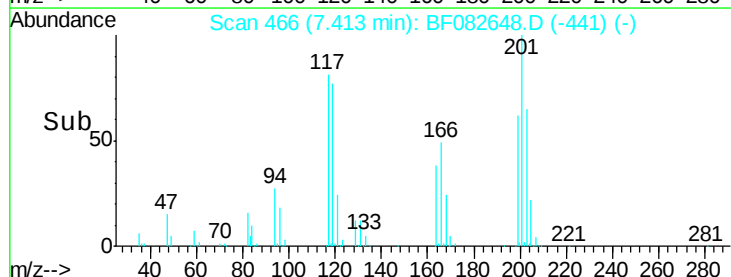
201 123.8 66.7 100.1#



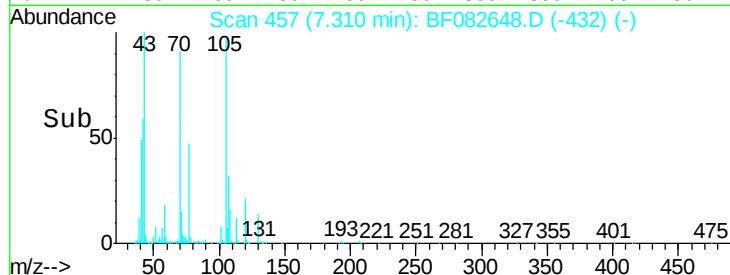
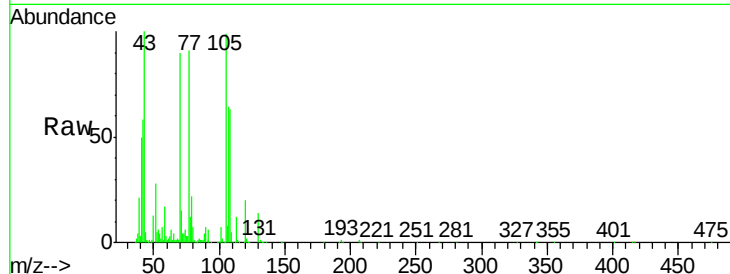
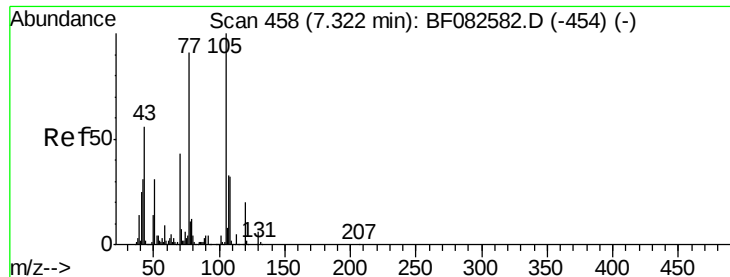
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



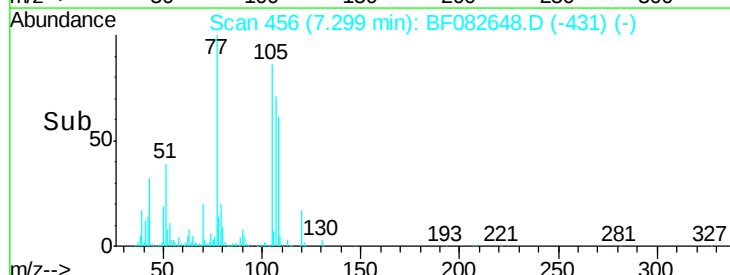
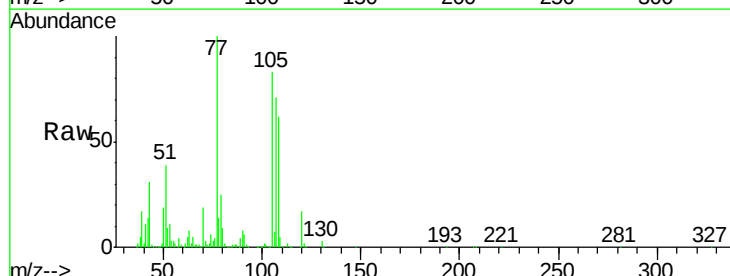
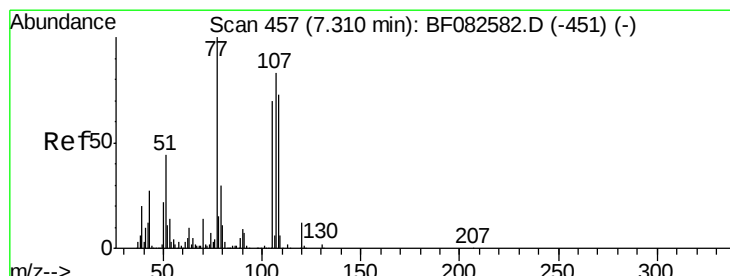
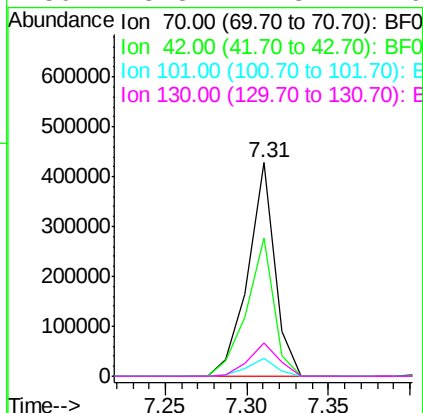
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 37.75 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF082648.D
Acq: 2 Nov 2015 23:29

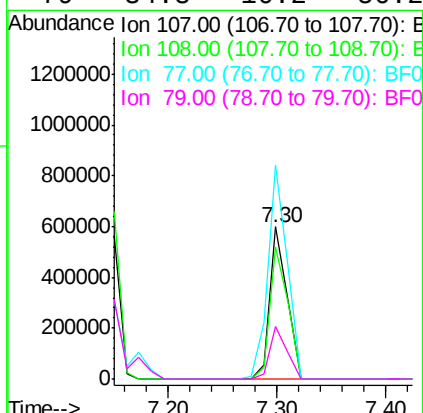
Instrument :
BNA_F
ClientSampleId :
T-16CMSD

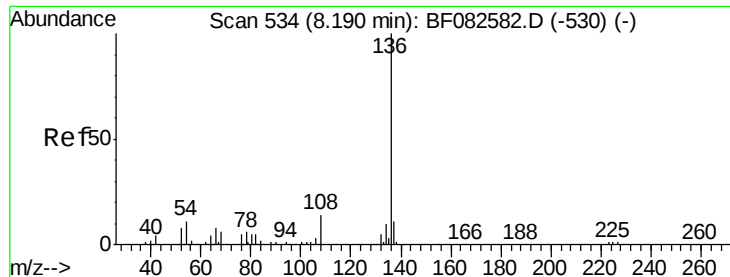
Tot Ion:	70	Resp:	490999
Ion	Ratio	Lower	Upper
70	100		
42	64.8	57.7	86.5
101	8.3	7.0	10.6
130	15.8	11.8	17.6



#20
3+4-Methylphenols
Concen: 42.74 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF082648.D
Acq: 2 Nov 2015 23:29

Tgt Ion:	107	Resp:	659975
Ion	Ratio	Lower	Upper
107	100		
108	87.1	67.3	107.3
77	140.8	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: BF082648.D

Acq: 2 Nov 2015 23:29

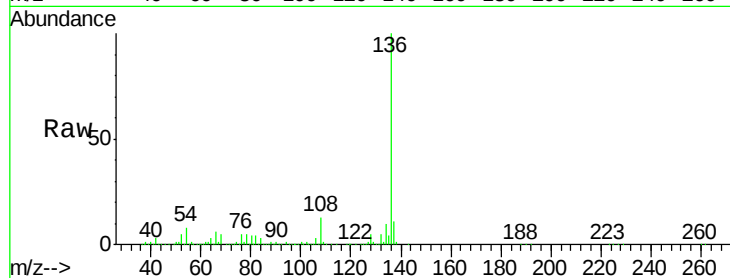
Instrument :

BNA_F

ClientSampleId :

T-16CMSD

Tot Ion:136	Resp:	716815
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.1 13.7
54	8.3	9.1 13.7#
68	5.2	4.8 7.2



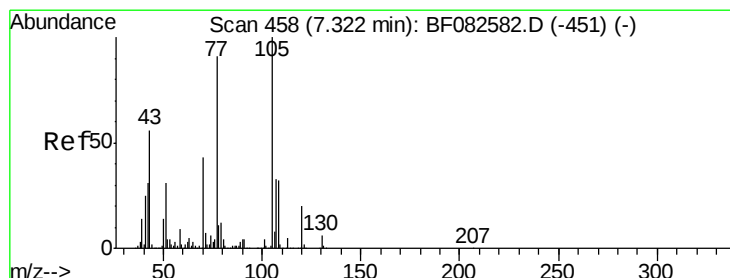
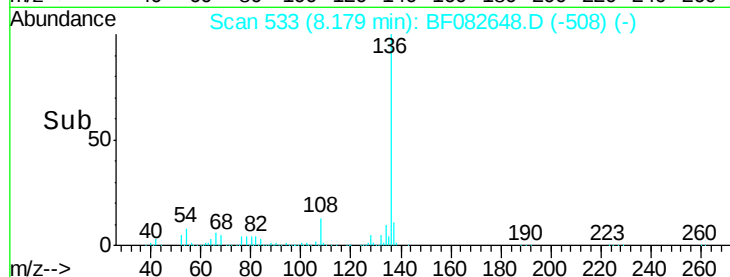
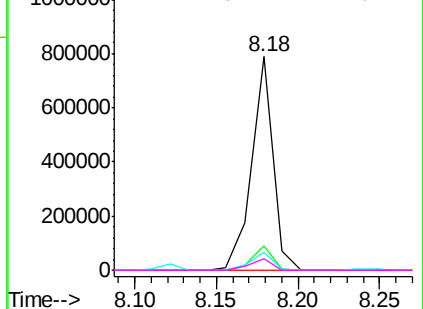
Abundance

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: 45.26 ng

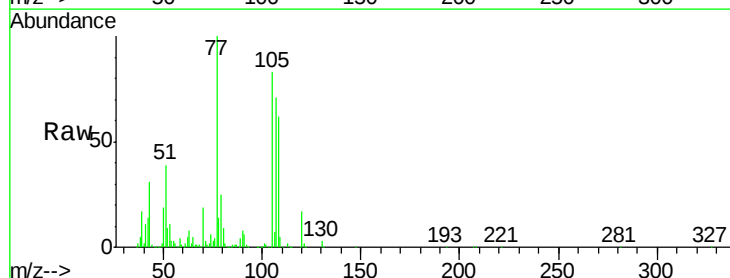
RT: 7.30 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

Tgt Ion:105	Resp:	955180
Ion Ratio	Lower	Upper
105	100	
71	3.7	5.6 8.4#
51	47.0	24.9 37.3#
120	19.9	15.8 23.8



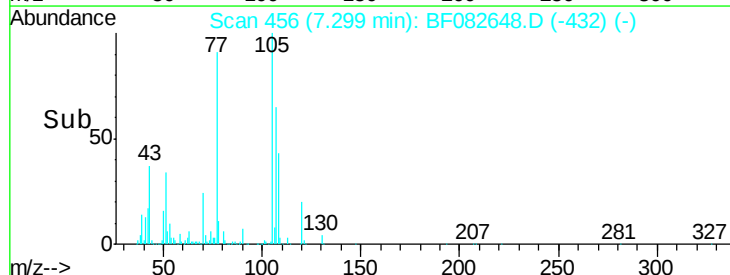
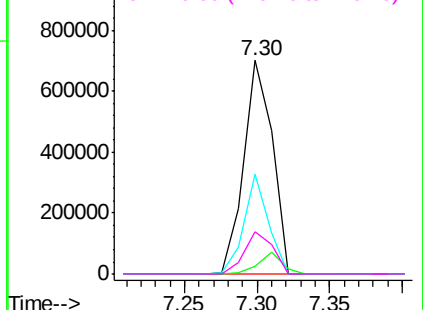
Abundance

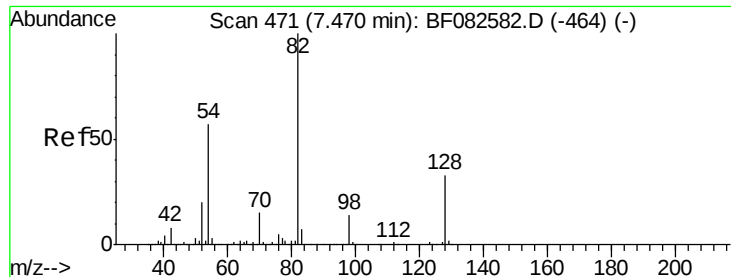
Ion 105.00 (104.70 to 105.70): E

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: 94.60 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

Instrument :

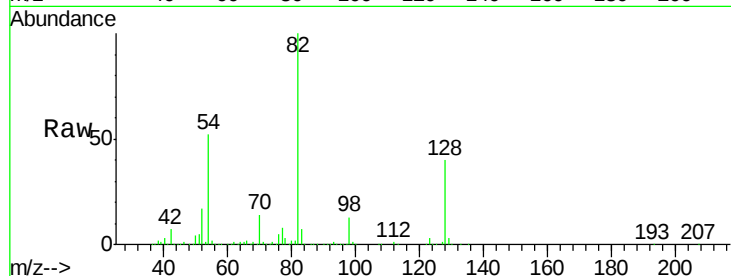
BNA_F

ClientSampleId :

T-16CMSD

Tot Ion: 82 Resp: 1660594

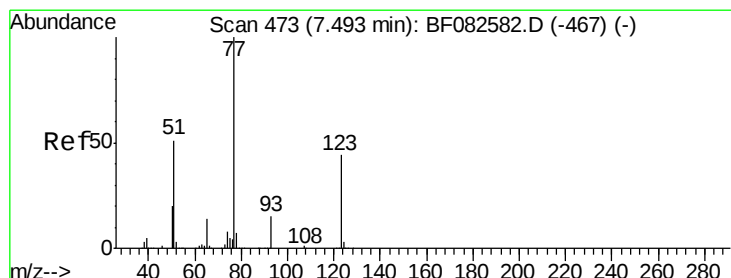
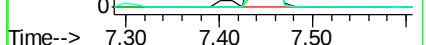
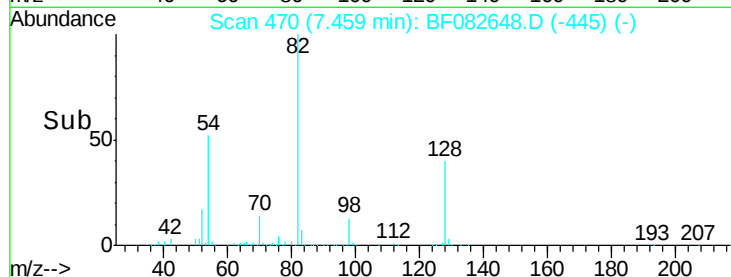
Ion	Ratio	Lower	Upper
82	100		
128	39.6	26.8	40.2
54	51.7	45.7	68.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.18 ng

RT: 7.47 min Scan# 471

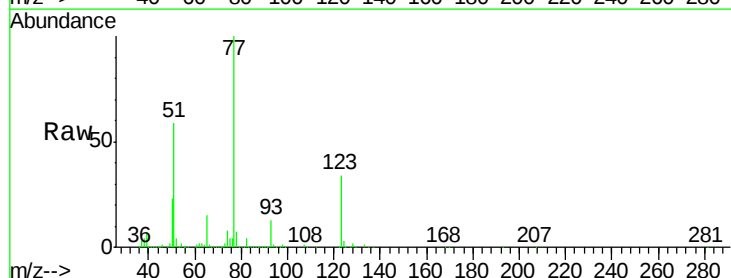
Delta R.T. -0.02 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

Tgt Ion: 77 Resp: 695187

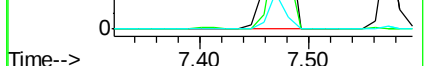
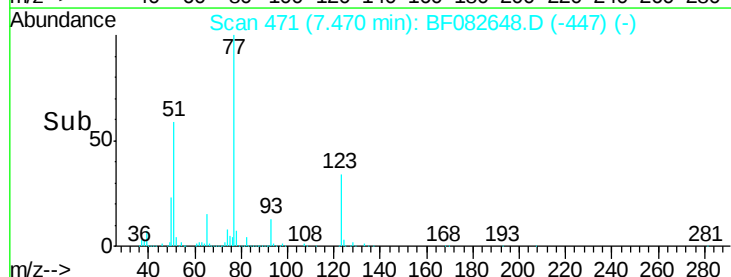
Ion	Ratio	Lower	Upper
77	100		
123	33.9	36.4	54.6#
65	15.0	11.5	17.3

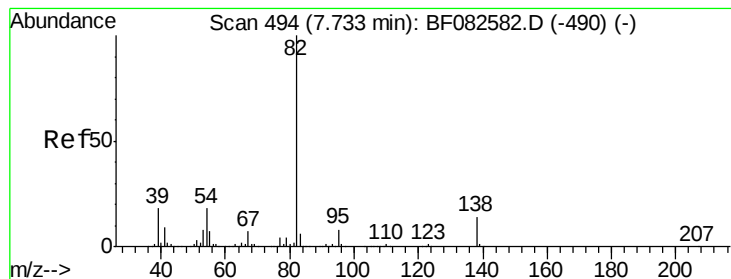


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 43.80 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

Instrument :

BNA_F

ClientSampleId :

T-16CMSD

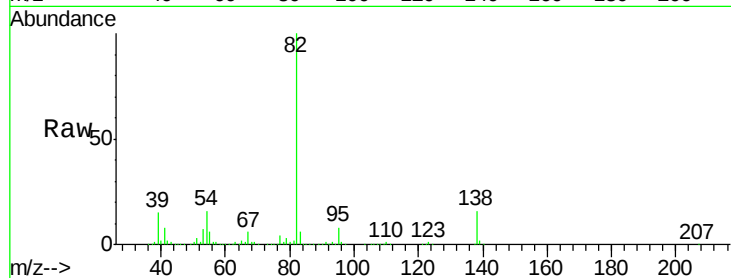
Tot Ion: 82 Resp: 1414495

Ion Ratio Lower Upper

82 100

95 7.8 6.6 9.8

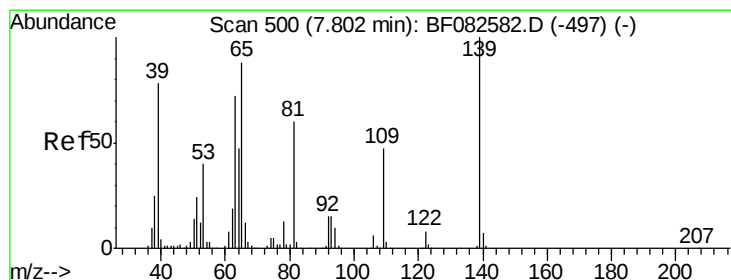
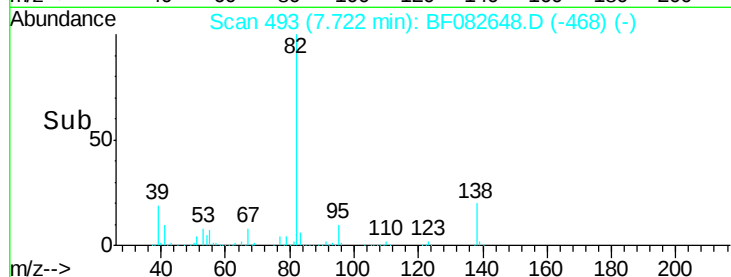
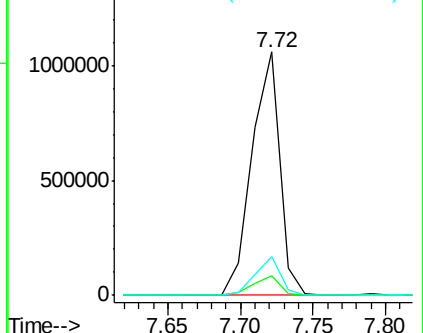
138 15.9 11.4 17.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 46.00 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

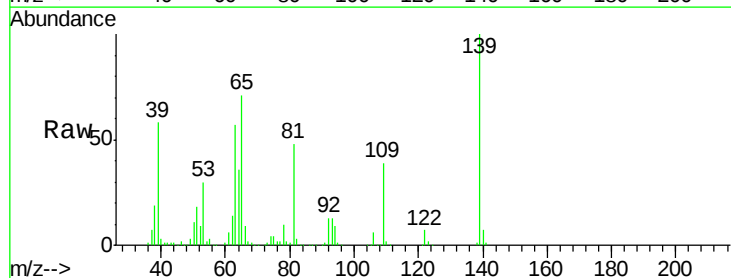
Tgt Ion: 139 Resp: 298152

Ion Ratio Lower Upper

139 100

109 39.1 37.6 56.4

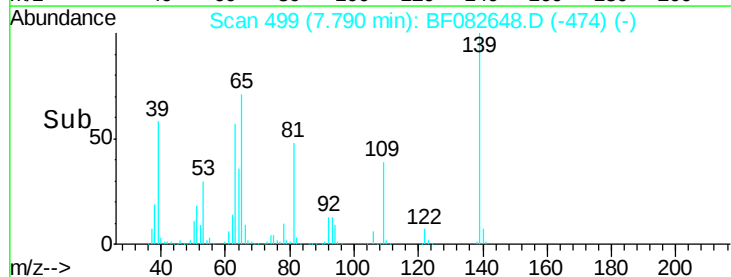
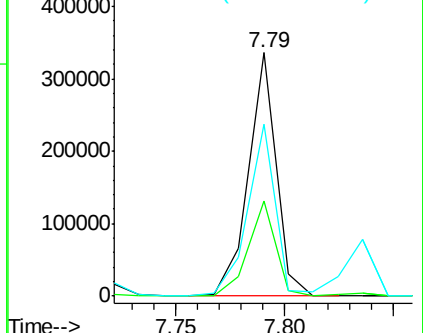
65 70.7 70.6 105.8

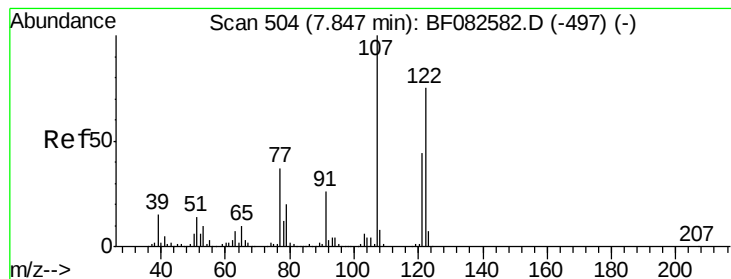


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 50.39 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

Instrument :

BNA_F

ClientSampleId :

T-16CMSD

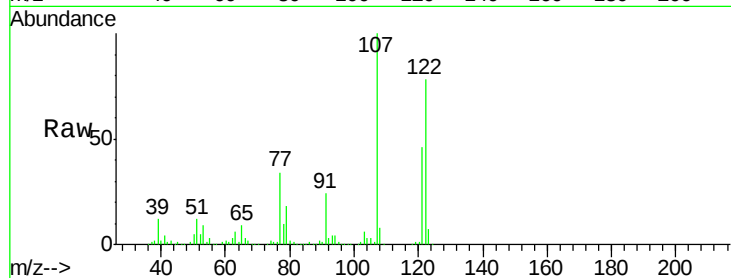
Tot Ion:122 Resp: 637569

Ion Ratio Lower Upper

122 100

107 128.0 106.0 159.0

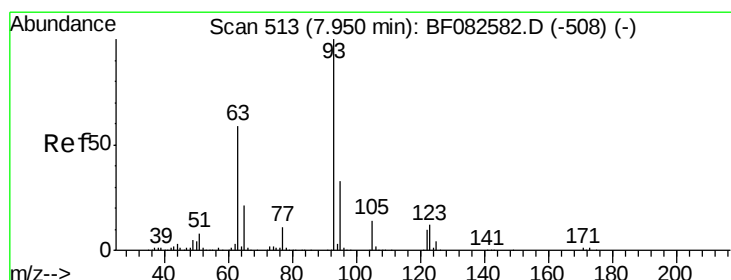
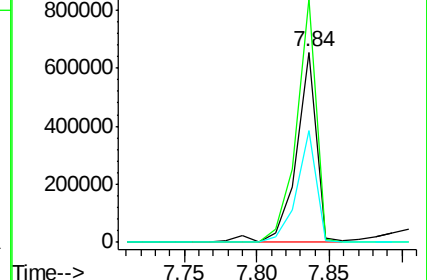
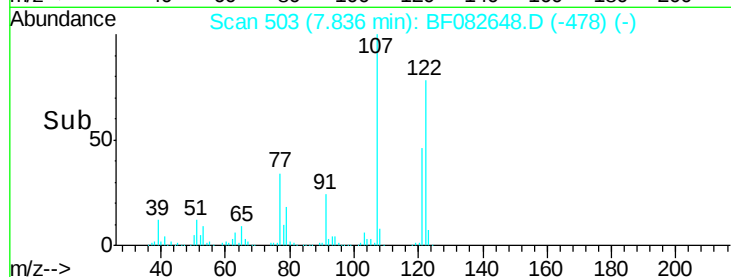
121 58.6 46.7 70.1



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: 42.56 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.02 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

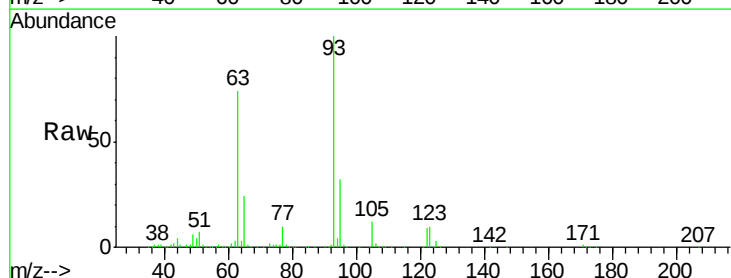
Tgt Ion: 93 Resp: 751832

Ion Ratio Lower Upper

93 100

95 32.3 26.6 40.0

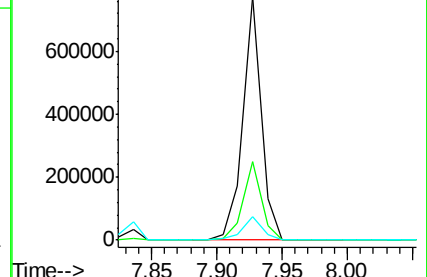
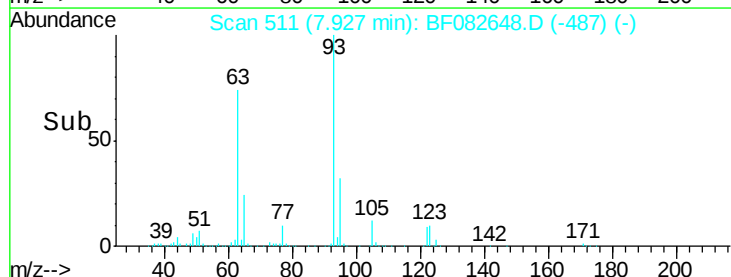
123 9.9 9.7 14.5

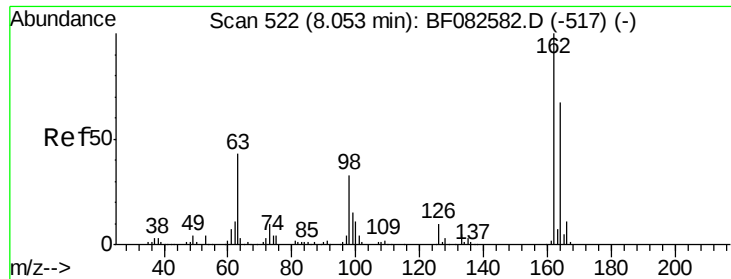


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

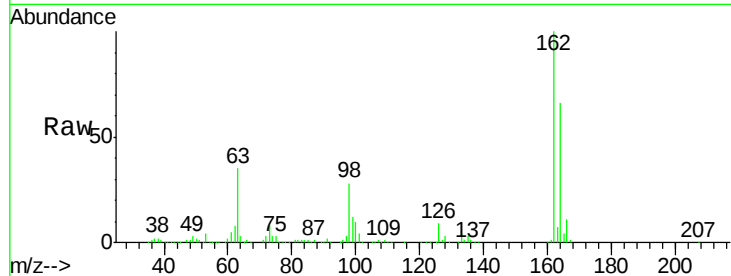




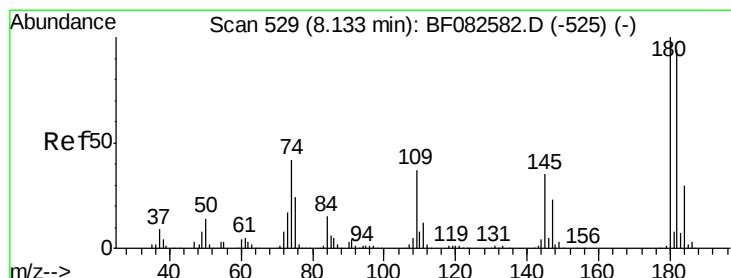
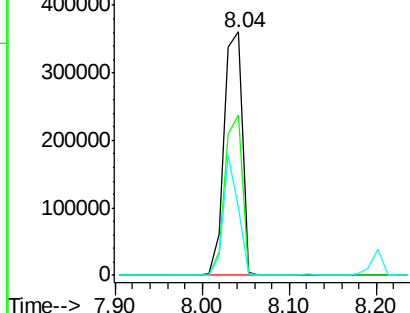
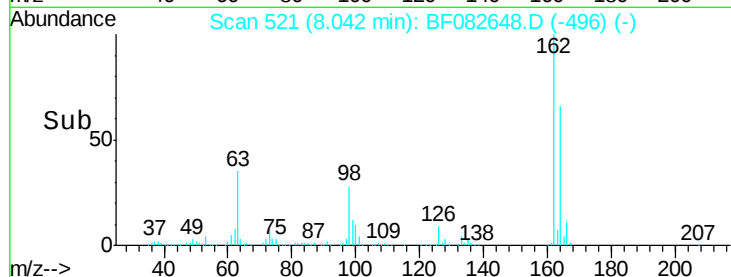
#29
2,4-Dichlorophenol
Concen: 45.71 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF082648.D
Acq: 2 Nov 2015 23:29

Instrument :
BNA_F
ClientSampleId :
T-16CMSD

Tot Ion:162 Resp: 527178
Ion Ratio Lower Upper
162 100
164 65.8 46.8 86.8
98 27.8 12.5 52.5

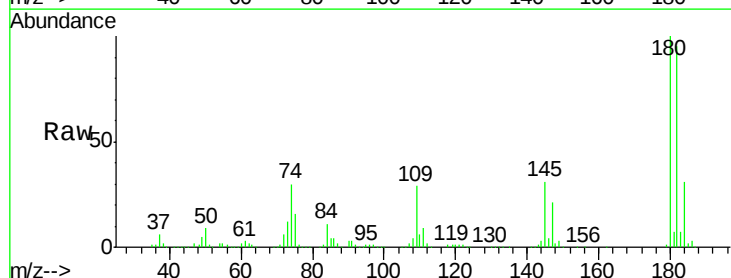


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

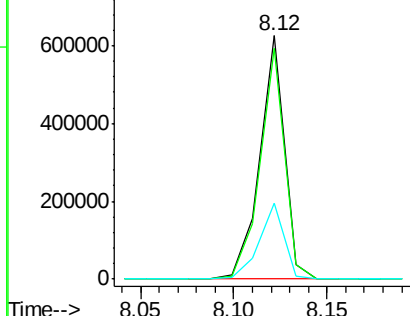
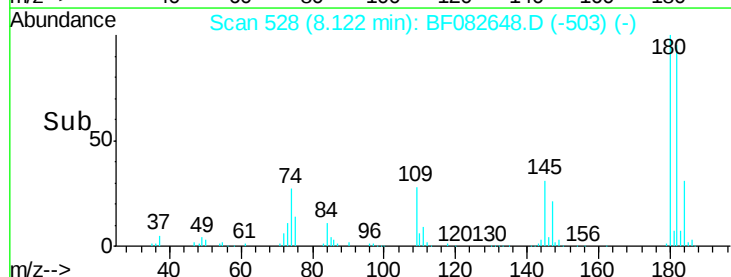


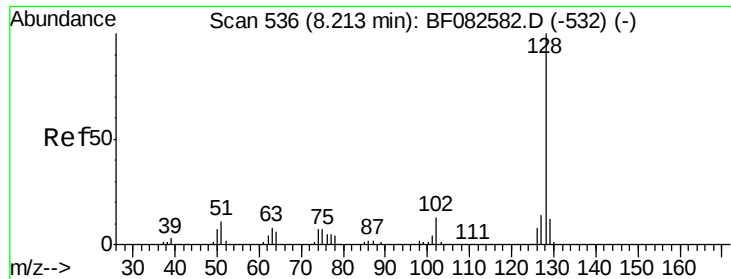
#30
1,2,4-Trichlorobenzene
Concen: 44.32 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF082648.D
Acq: 2 Nov 2015 23:29

Tgt Ion:180 Resp: 567291
Ion Ratio Lower Upper
180 100
182 94.7 74.9 112.3
145 31.1 27.8 41.8



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

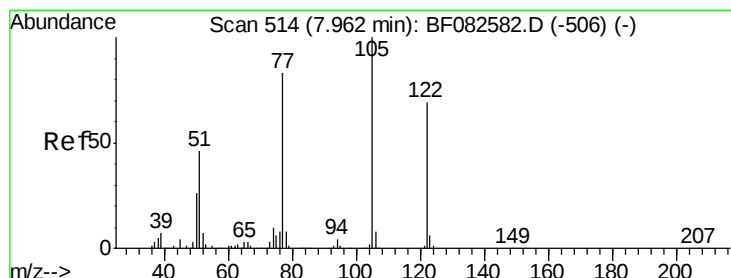
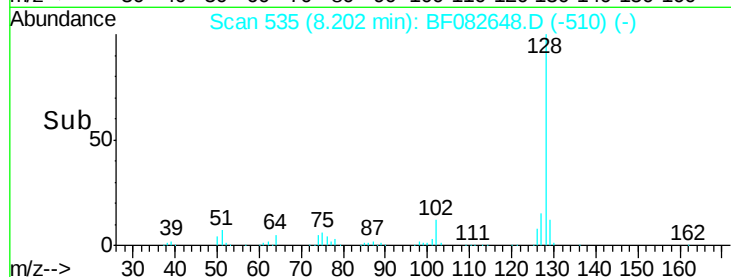
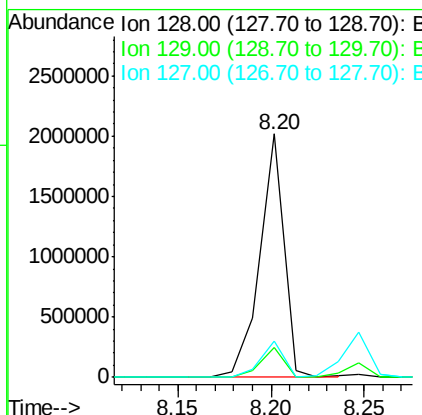
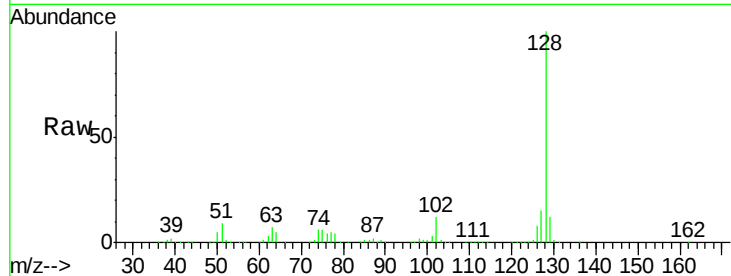




#31
Naphthalene
Concen: 46.42 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF082648.D
Acq: 2 Nov 2015 23:29

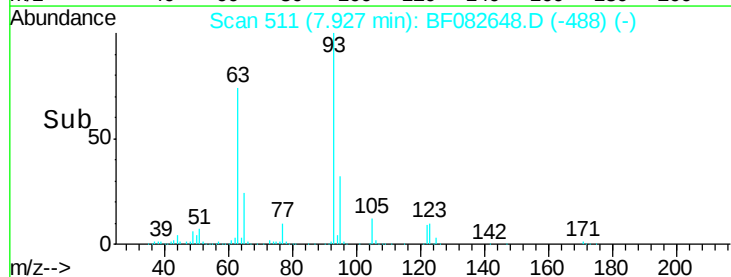
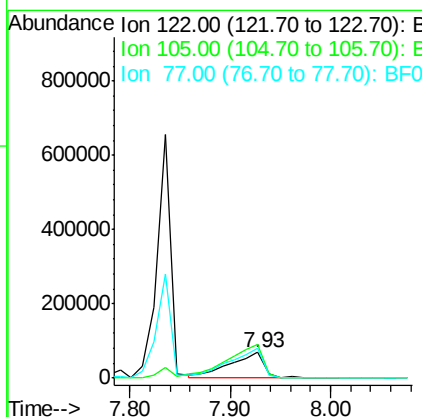
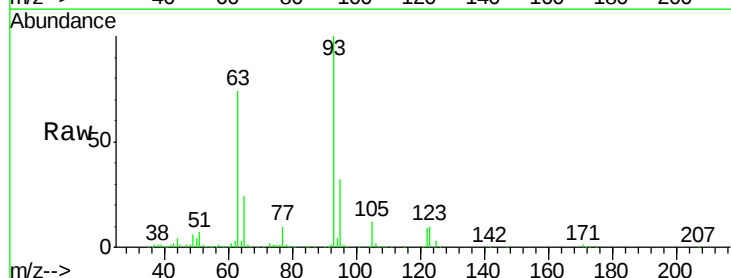
Instrument :
BNA_F
ClientSampleId :
T-16CMSD

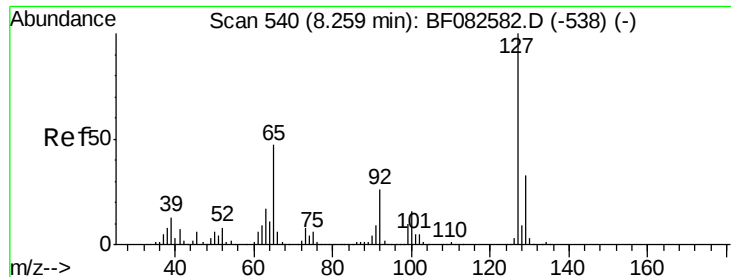
Tot Ion:128 Resp: 1800648
Ion Ratio Lower Upper
128 100
129 12.0 9.5 14.3
127 14.8 11.4 17.0



#32
Benzoic acid
Concen: 18.25 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.03 min
Lab File: BF082648.D
Acq: 2 Nov 2015 23:29

Tgt Ion:122 Resp: 167485
Ion Ratio Lower Upper
122 100
105 129.5 122.6 162.6
77 114.4 100.9 140.9

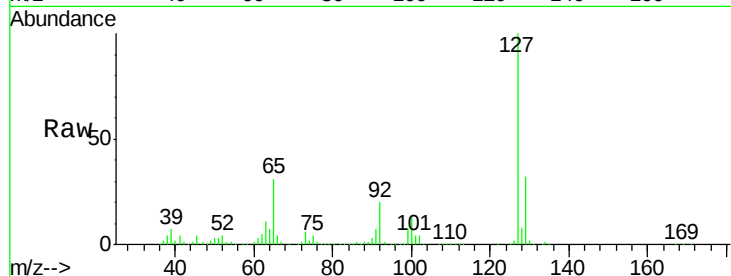




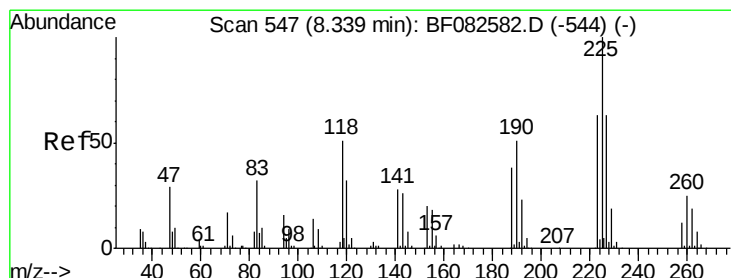
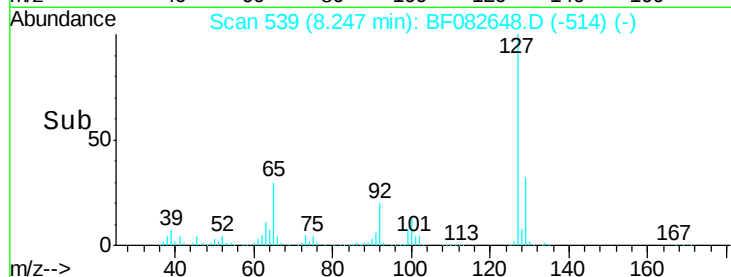
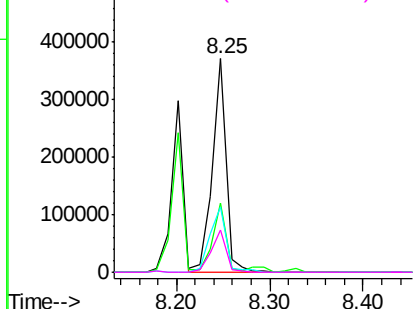
#33
4-Chloroaniline
Concen: 23.06 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF082648.D
Acq: 2 Nov 2015 23:29

Instrument :
BNA_F
ClientSampleId :
T-16CMSD

Tot Ion:	127	Resp:	381926
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	30.5	37.8	56.8#
92	19.6	20.6	31.0#

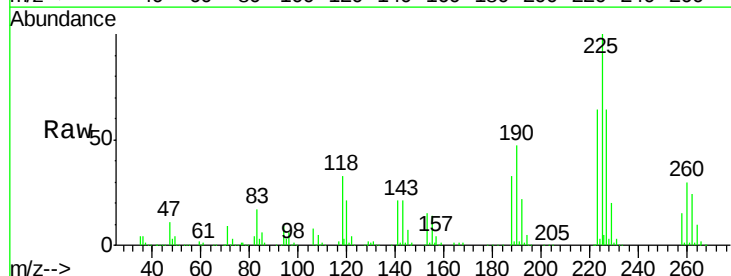


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

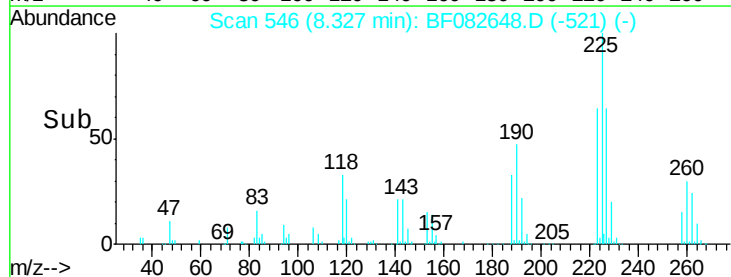
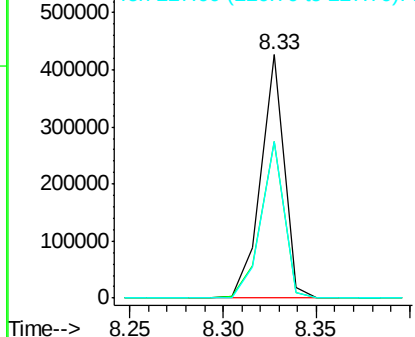


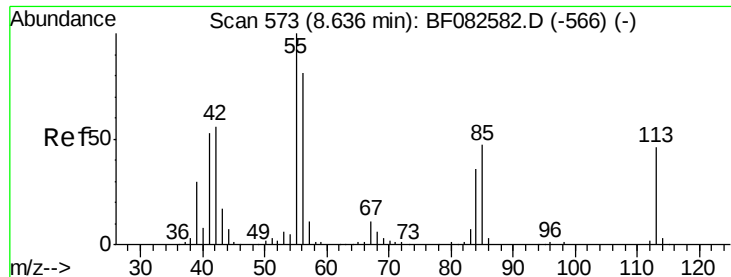
#34
Hexachlorobutadiene
Concen: 45.14 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF082648.D
Acq: 2 Nov 2015 23:29

Tgt Ion:	225	Resp:	367417
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.5	75.7
227	64.1	50.2	75.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

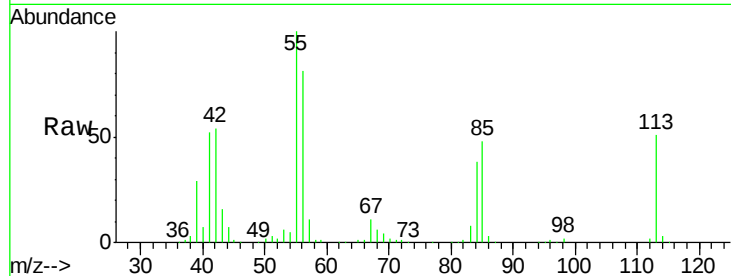




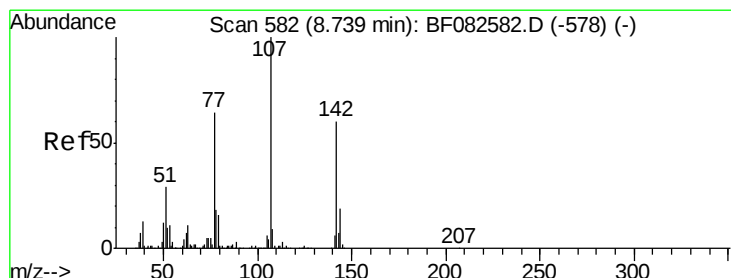
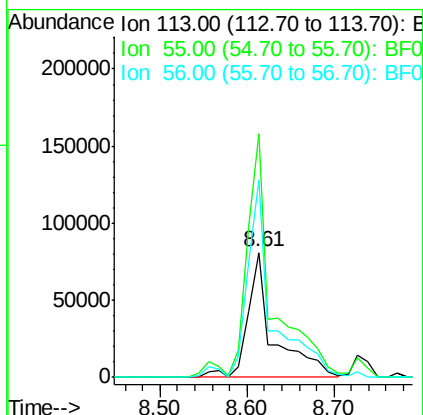
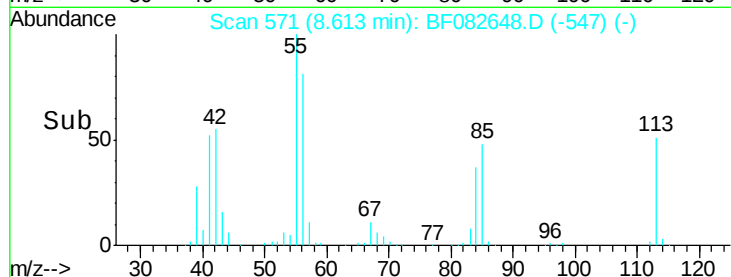
#35
Caprolactam
Concen: 47.15 ng
RT: 8.61 min Scan# 571
Delta R.T. -0.02 min
Lab File: BF082648.D
Acq: 2 Nov 2015 23:29

Instrument :
BNA_F
ClientSampleId :
T-16CMSD

Tot Ion:113 Resp: 166851
Ion Ratio Lower Upper
113 100
55 195.2 195.5 235.5#
56 157.9 153.5 193.5

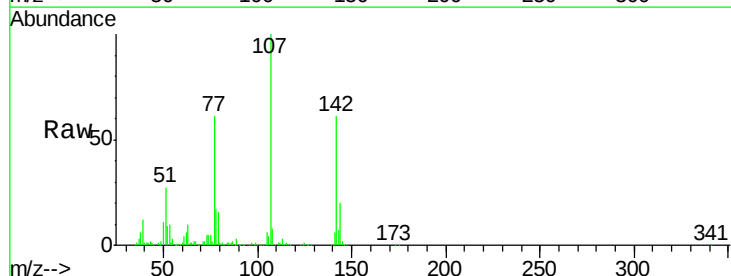


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

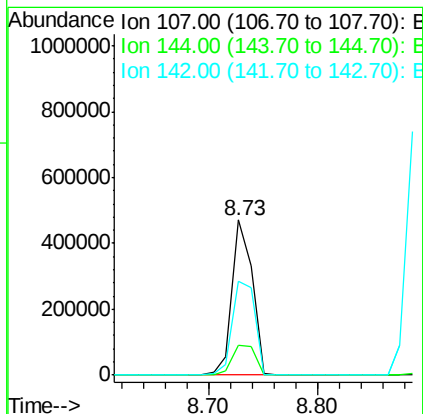
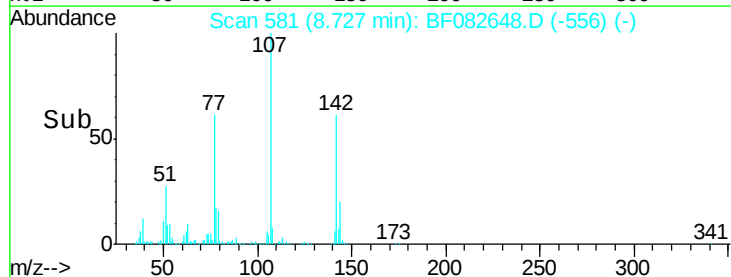


#36
4-Chloro-3-methylphenol
Concen: 44.14 ng
RT: 8.73 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF082648.D
Acq: 2 Nov 2015 23:29

Tgt Ion:107 Resp: 599400
Ion Ratio Lower Upper
107 100
144 19.7 15.4 23.0
142 60.9 47.8 71.8



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

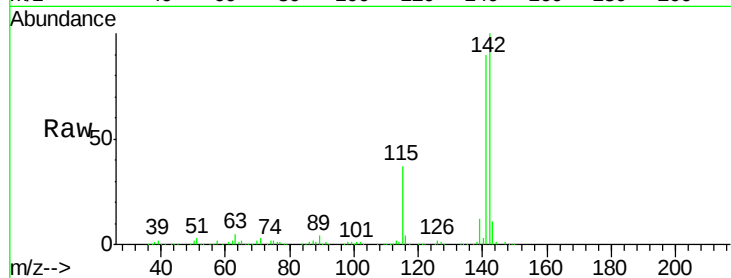




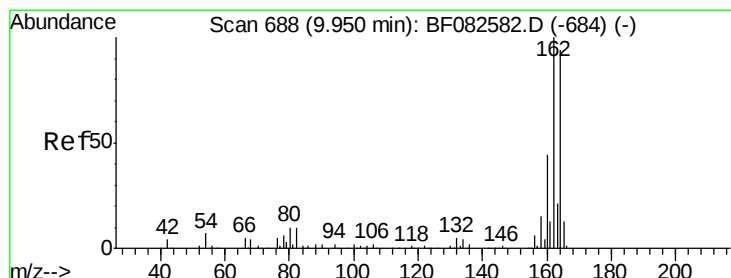
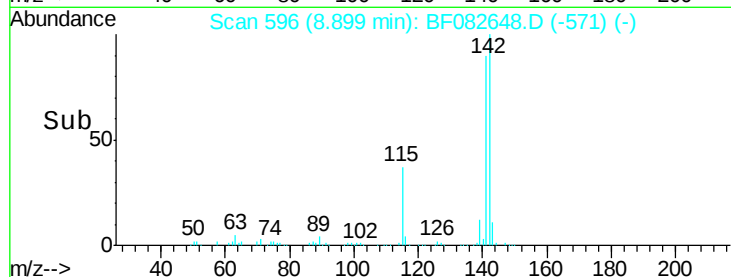
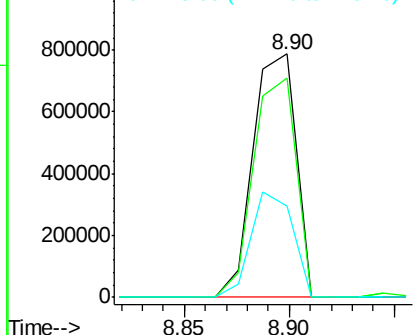
#37
2-Methylnaphthalene
Concen: 44.22 ng/ml
RT: 8.90 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF082648.D
Acq: 2 Nov 2015 23:29

Instrument :
BNA_F
ClientSampled :
T-16CMSD

Tot Ion:142 Resp: 1111503
Ion Ratio Lower Upper
142 100
141 90.2 72.3 108.5
115 37.5 38.1 57.1#

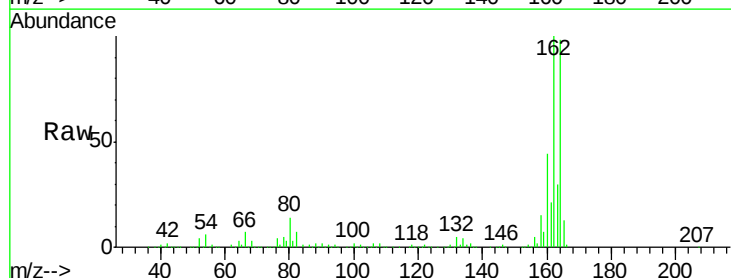


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

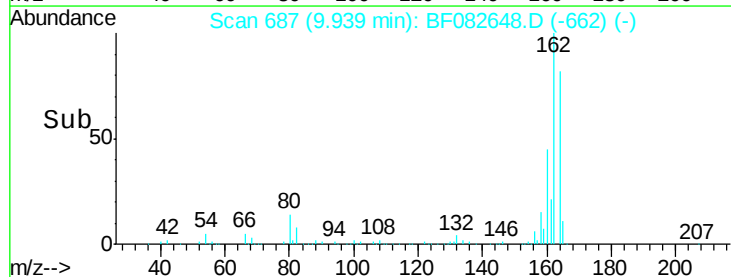
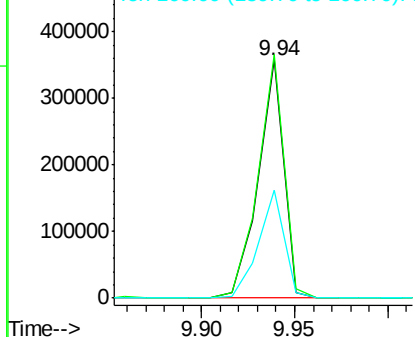


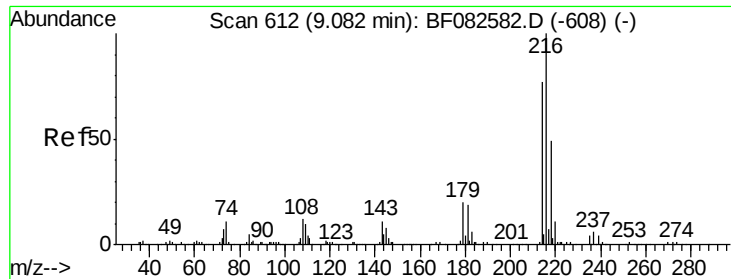
#38
Acenaphthene-d10
Concen: 20.00 ng/ml
RT: 9.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF082648.D
Acq: 2 Nov 2015 23:29

Tgt Ion:164 Resp: 336099
Ion Ratio Lower Upper
164 100
162 102.3 84.9 127.3
160 45.1 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: 43.79 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.02 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

Instrument :

BNA_F

ClientSampleId :

T-16CMSD

Tot Ion:216 Resp: 491091

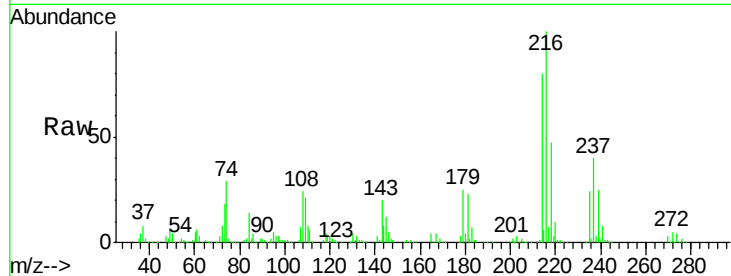
Ion Ratio Lower Upper

216 100

214 78.4 62.2 93.2

179 22.9 18.1 27.1

108 21.7 16.6 25.0

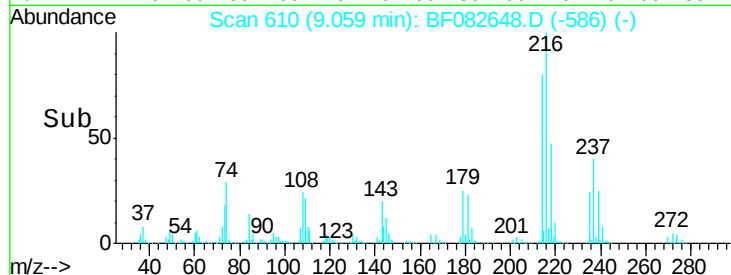


Abundance Ion 216.00 (215.70 to 216.70): E

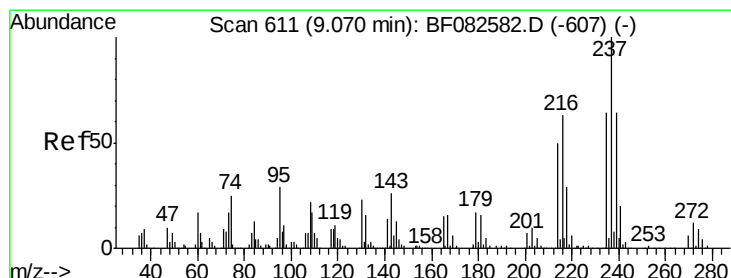
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 36.00 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

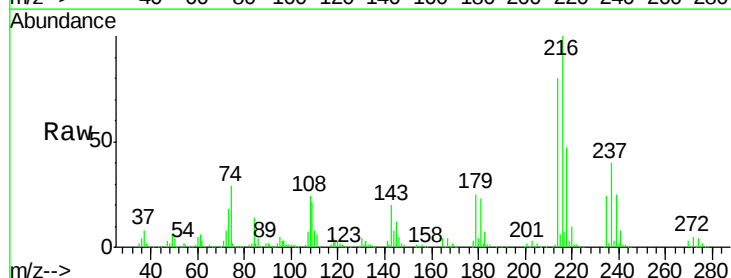
Tgt Ion:237 Resp: 253835

Ion Ratio Lower Upper

237 100

235 60.8 44.3 84.3

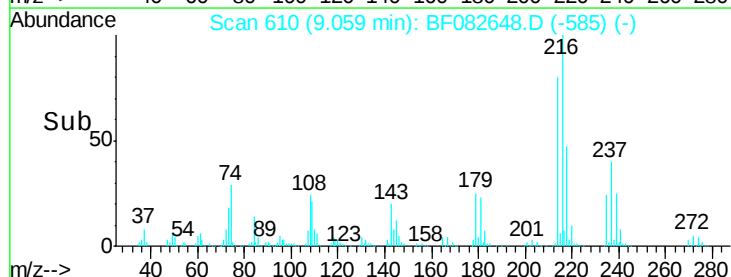
272 13.0 0.0 31.9



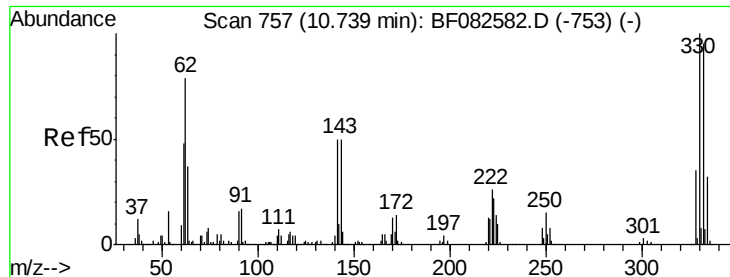
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



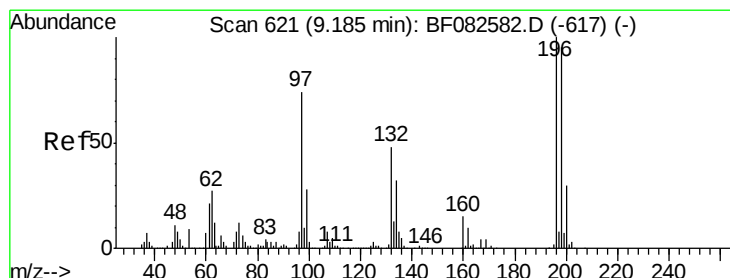
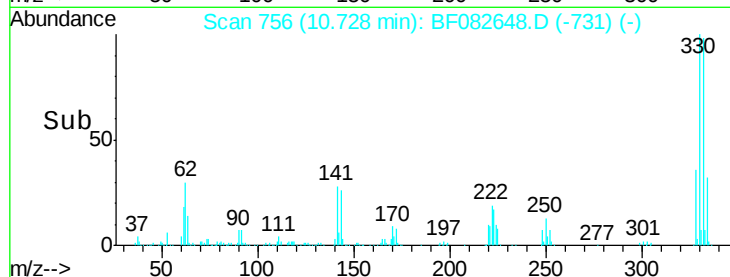
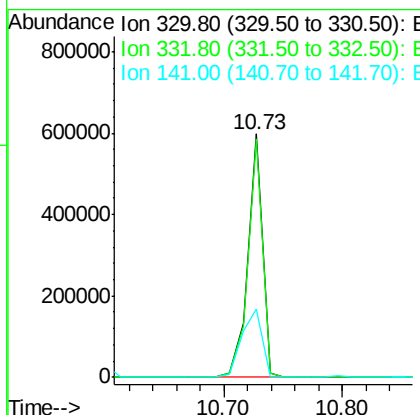
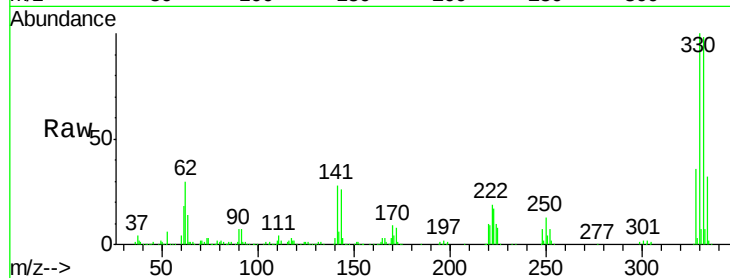
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 140.92 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF082648.D
 Acq: 2 Nov 2015 23:29

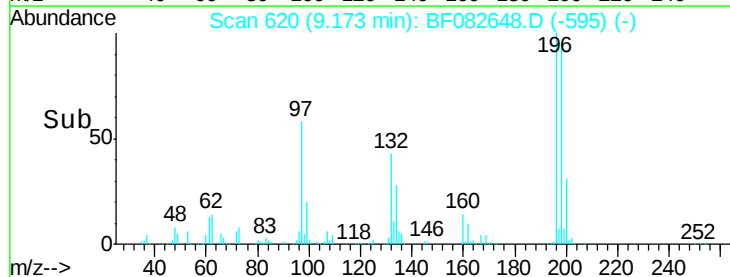
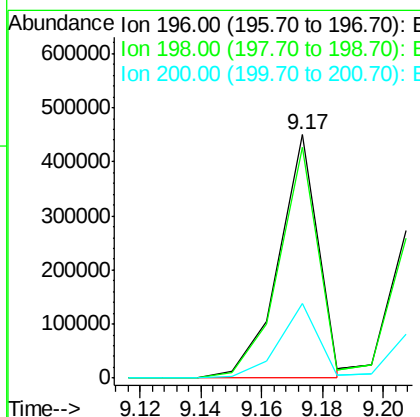
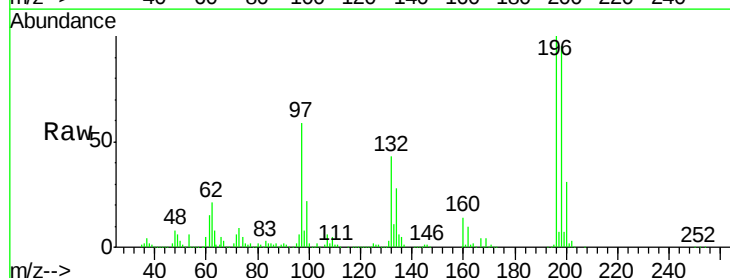
Instrument :
 BNA_F
 ClientSampleId :
 T-16CMSD

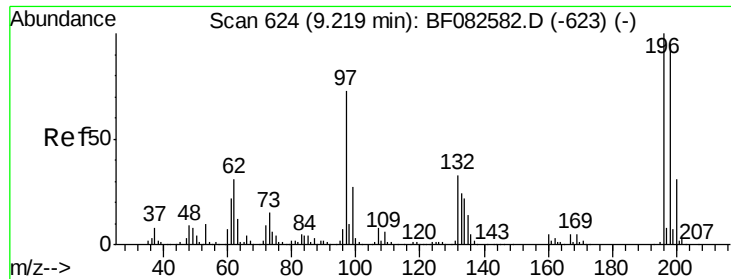
Tot Ion:330 Resp: 518329
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 114.8
 141 38.7 41.2 61.8#



#42
 2,4,6-Trichlorophenol
 Concen: 49.67 ng m
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF082648.D
 Acq: 2 Nov 2015 23:29

Tgt Ion:196 Resp: 402214
 Ion Ratio Lower Upper
 196 100
 198 95.0 76.3 114.5
 200 30.6 23.9 35.9

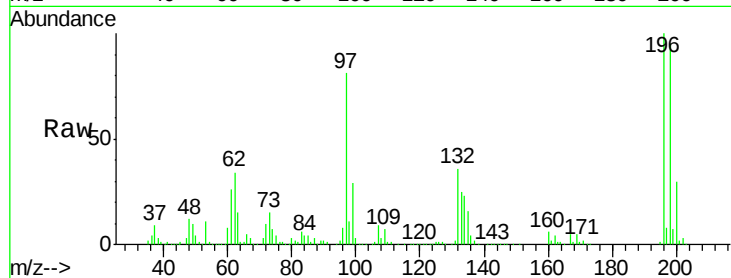




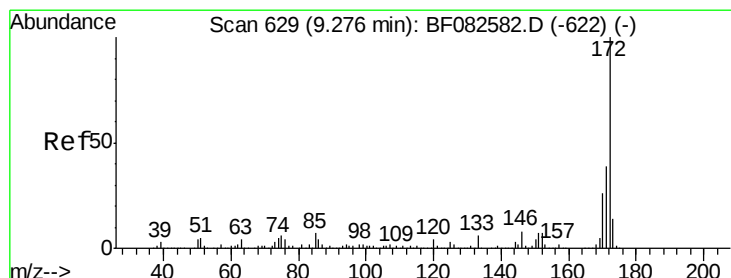
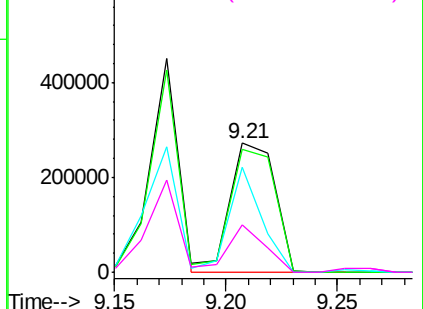
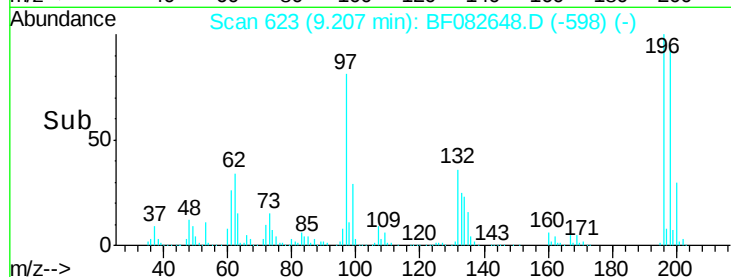
#43
 2,4,5-Trichlorophenol
 Concen: 46.94 ng/mL
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF082648.D
 Acq: 2 Nov 2015 23:29

Instrument :
 BNA_F
 ClientSampleId :
 T-16CMSD

Tot Ion:196 Resp: 378737
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.8 113.8
 97 80.8 62.3 93.5
 132 36.4 27.4 41.2

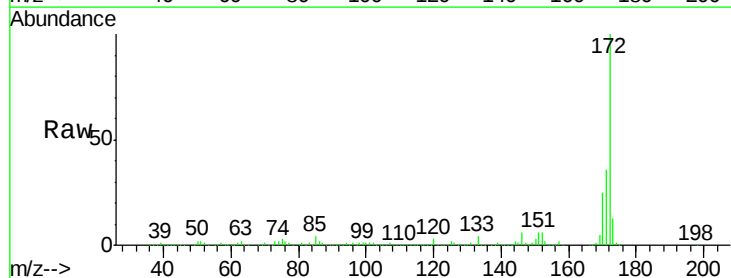


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

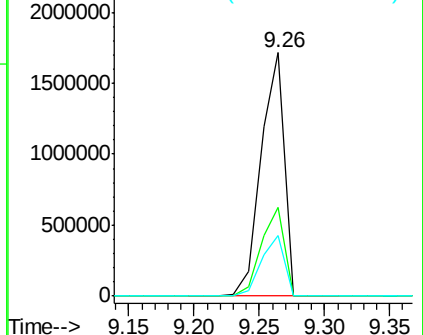
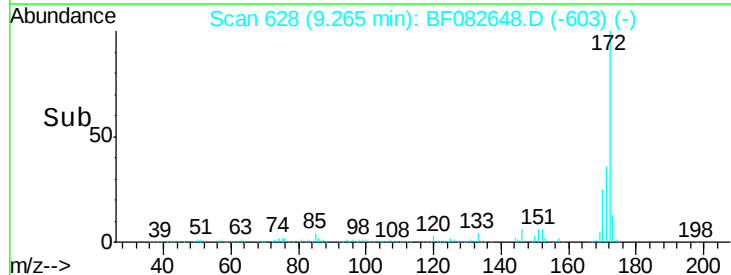


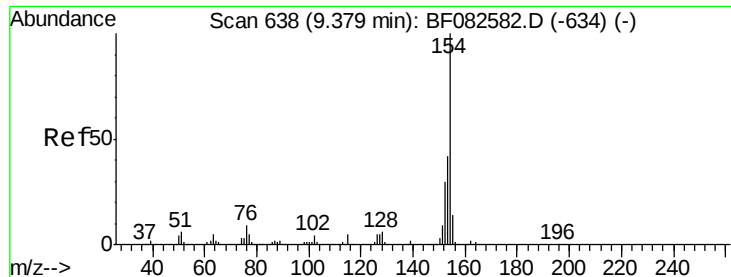
#44
 2-Fluorobiphenyl
 Concen: 89.56 ng/mL
 RT: 9.26 min Scan# 628
 Delta R.T. -0.01 min
 Lab File: BF082648.D
 Acq: 2 Nov 2015 23:29

Tgt Ion:172 Resp: 2120169
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.8 46.2
 170 24.9 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: 41.78 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.02 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

Instrument :

BNA_F

ClientSampleId :

T-16CMSD

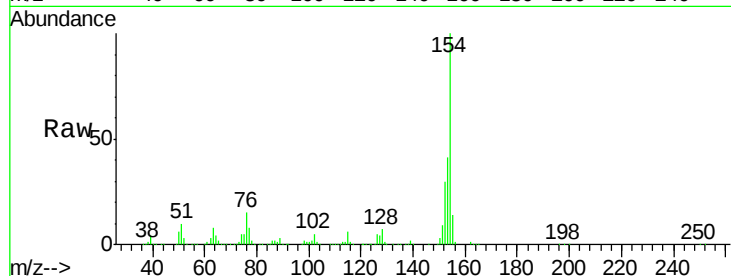
Tot Ion:154 Resp: 1186121

Ion Ratio Lower Upper

154 100

153 41.3 22.0 62.0

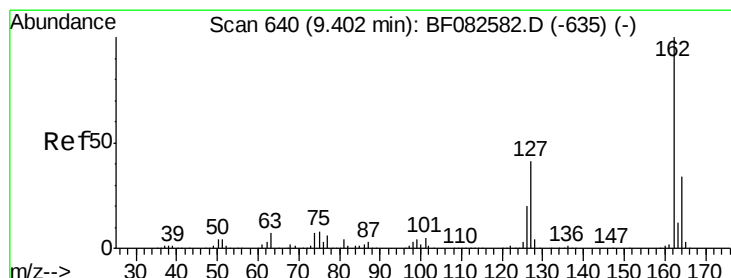
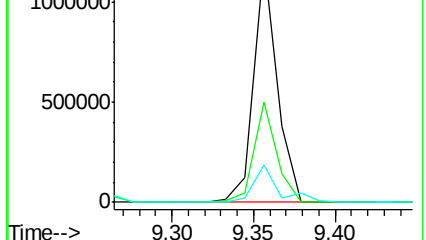
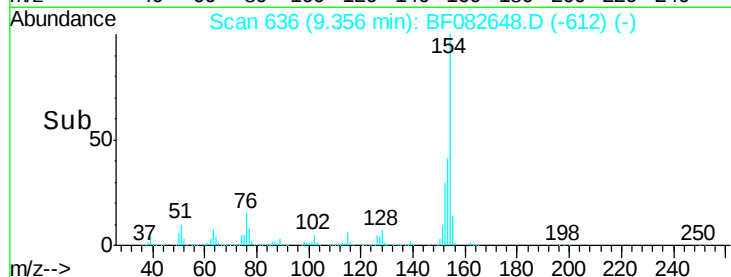
76 15.3 0.0 29.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.71 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.02 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

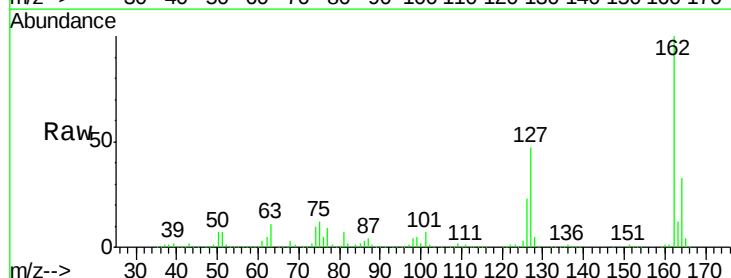
Tgt Ion:162 Resp: 968975

Ion Ratio Lower Upper

162 100

127 46.6 32.7 49.1

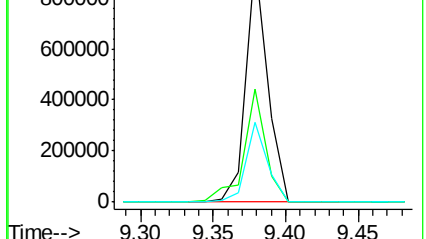
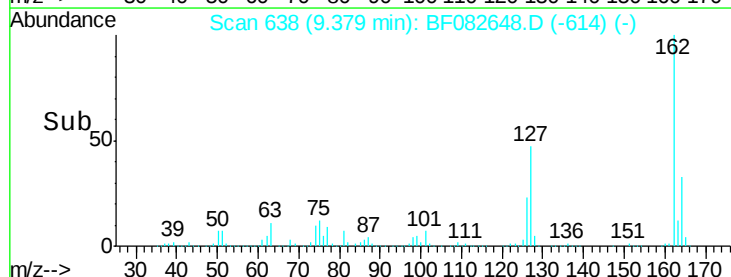
164 32.9 27.4 41.0

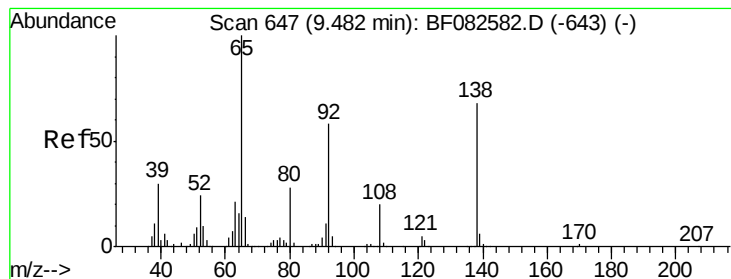


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.59 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

Instrument :

BNA_F

ClientSampled :

T-16CMSD

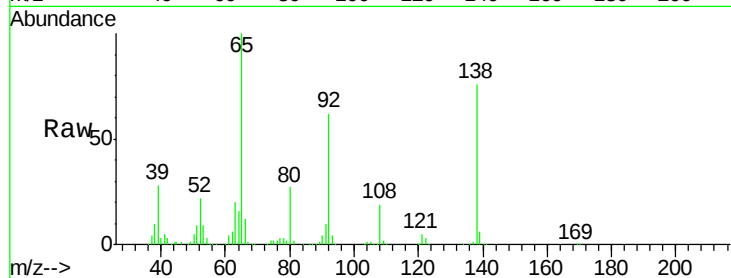
Tot Ion: 65 Resp: 375654

Ion Ratio Lower Upper

65 100

92 61.6 46.6 70.0

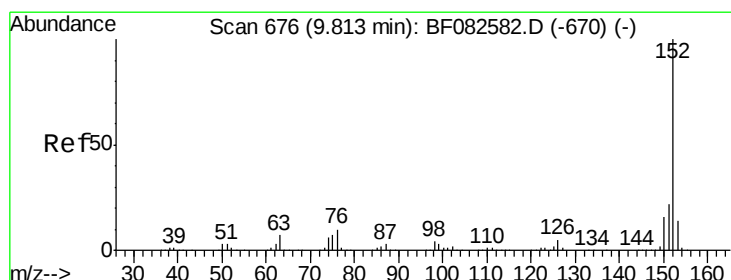
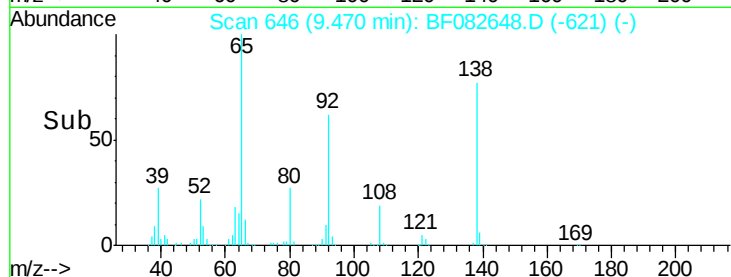
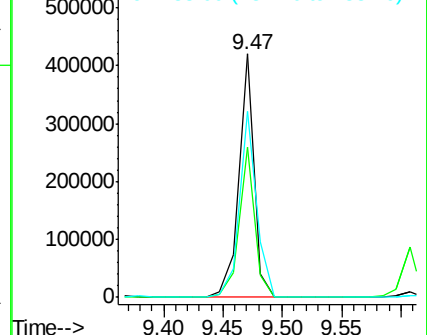
138 76.4 54.6 81.8



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 46.50 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

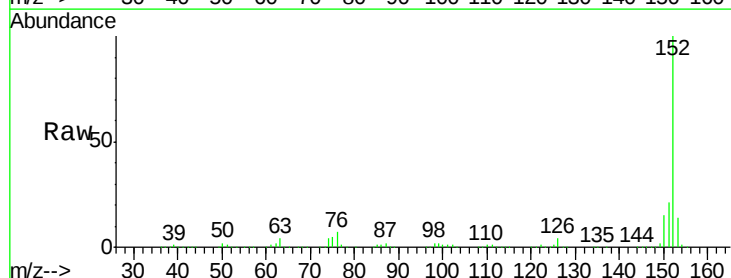
Tgt Ion: 152 Resp: 1648721

Ion Ratio Lower Upper

152 100

151 21.1 17.3 25.9

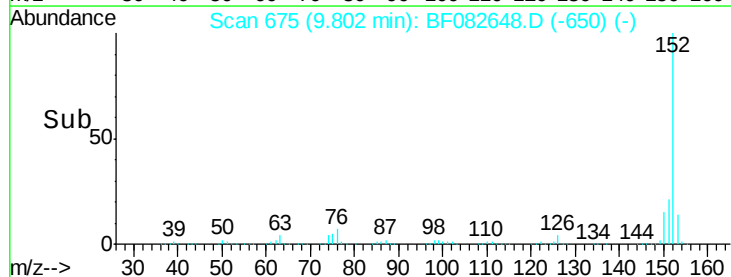
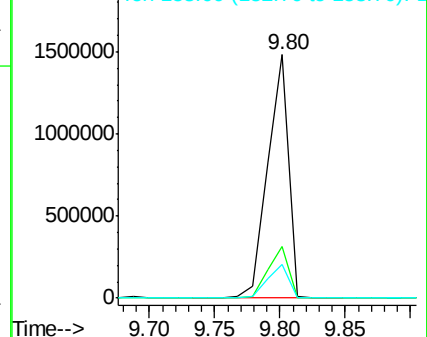
153 13.6 11.3 16.9

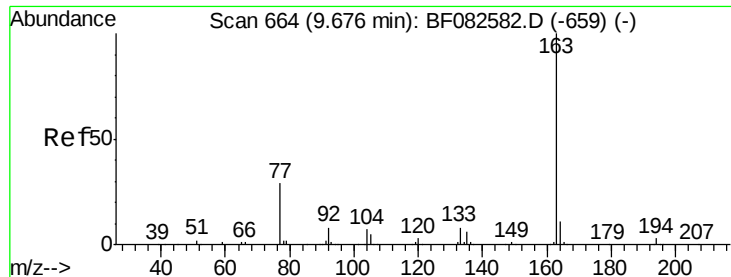


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

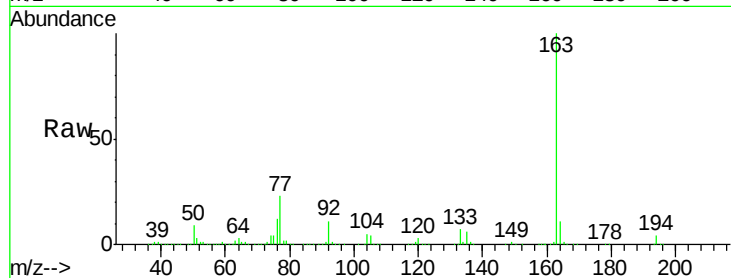




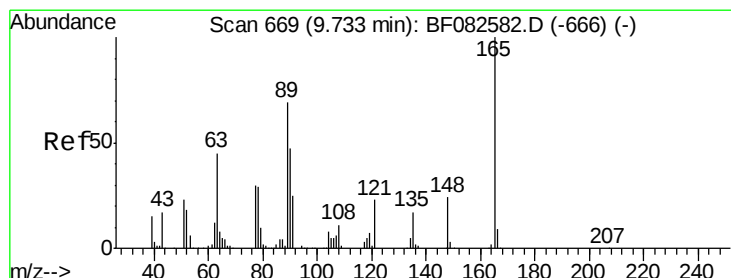
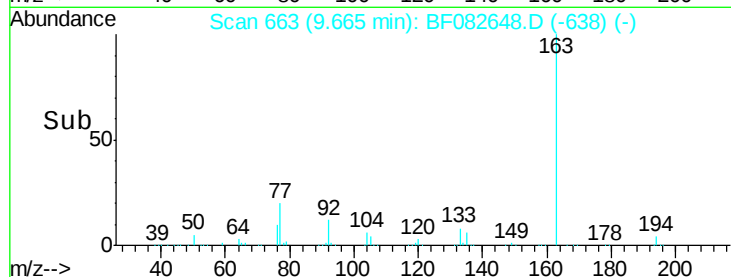
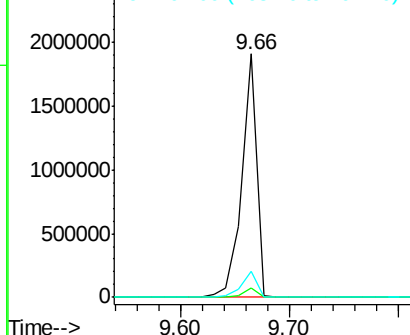
#49
Dimethylphthalate
Concen: 64.67 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF082648.D
Acq: 2 Nov 2015 23:29

Instrument :
BNA_F
ClientSampleId :
T-16CMSD

Tot Ion:163 Resp: 1775176
Ion Ratio Lower Upper
163 100
194 3.9 2.6 4.0
164 10.7 8.7 13.1

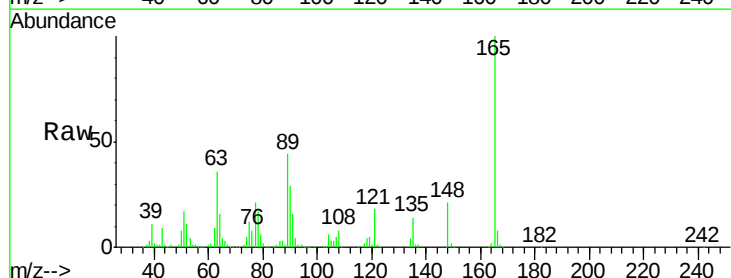


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

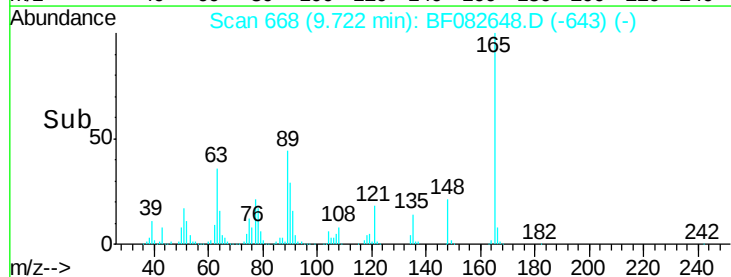
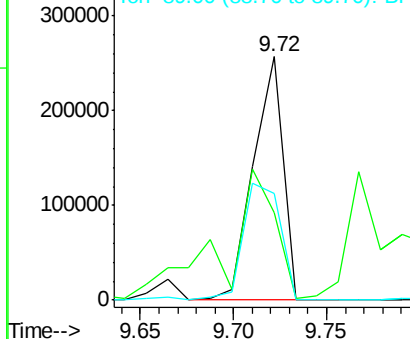


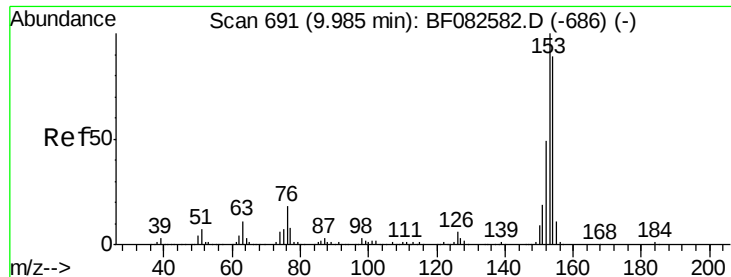
#50
2,6-Dinitrotoluene
Concen: 49.75 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF082648.D
Acq: 2 Nov 2015 23:29

Tgt Ion:165 Resp: 283057
Ion Ratio Lower Upper
165 100
63 35.9 55.5 83.3#
89 44.0 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: 47.75 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

Instrument :

BNA_F

ClientSampleId :

T-16CMSD

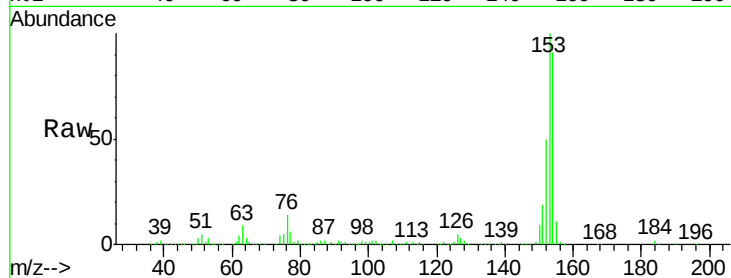
Tot Ion:154 Resp: 1074798

Ion Ratio Lower Upper

154 100

153 110.3 90.1 135.1

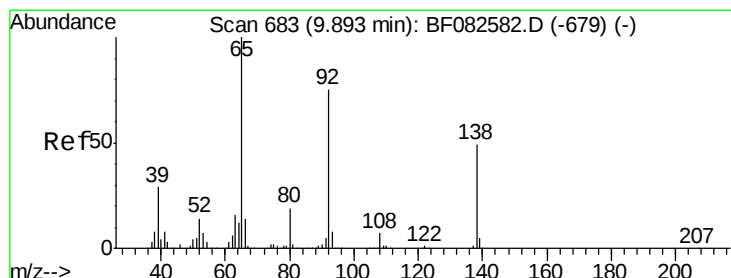
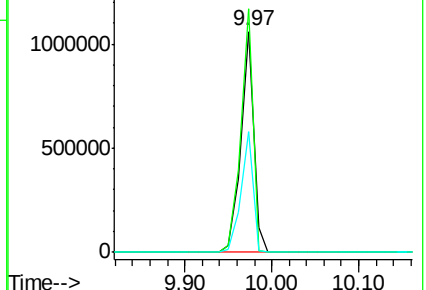
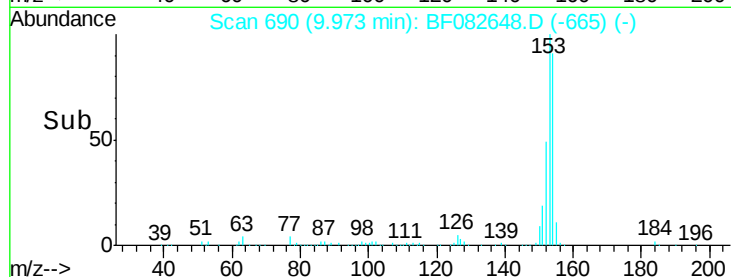
152 54.7 44.3 66.5



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: 34.90 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

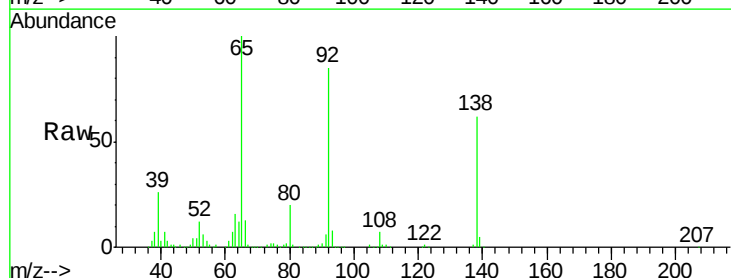
Tgt Ion:138 Resp: 220889

Ion Ratio Lower Upper

138 100

108 11.6 11.3 16.9

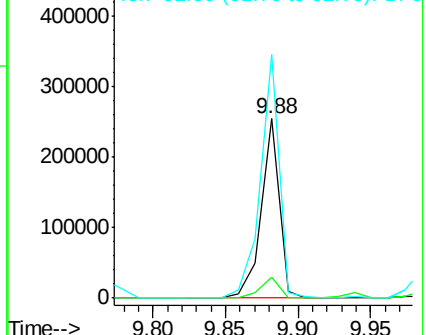
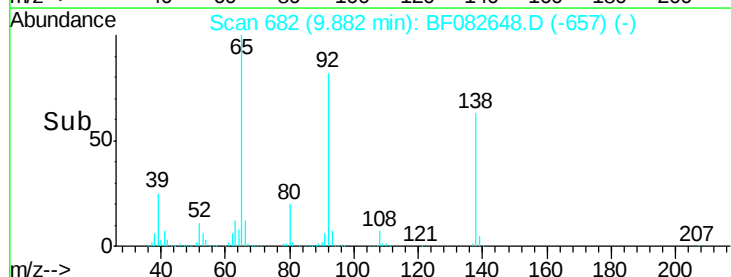
92 135.7 122.4 183.6

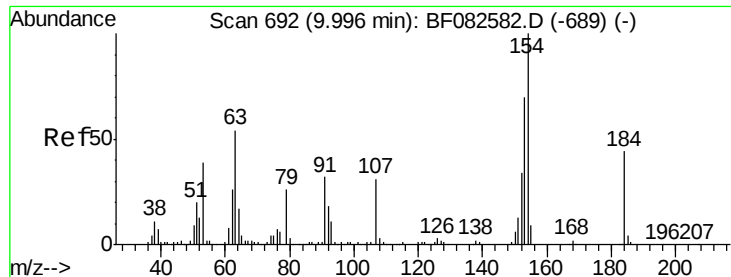


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

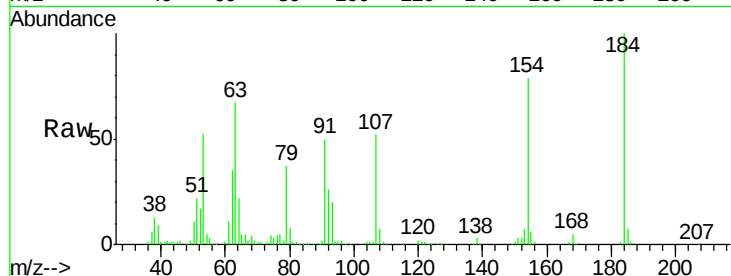




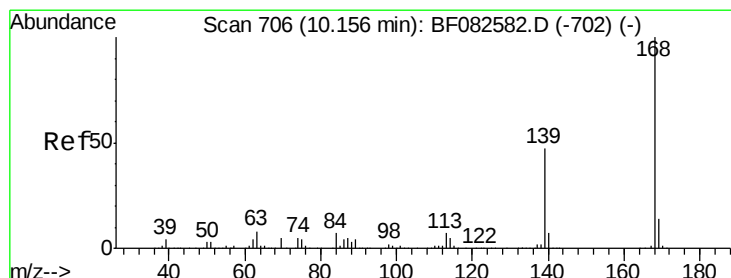
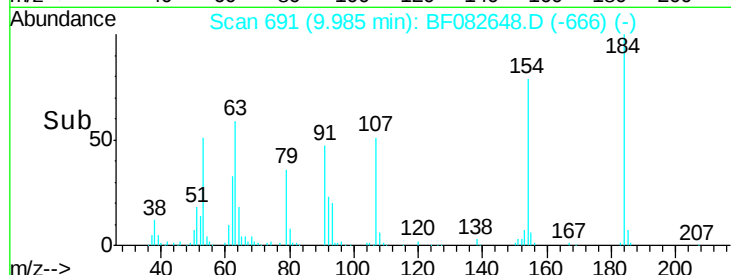
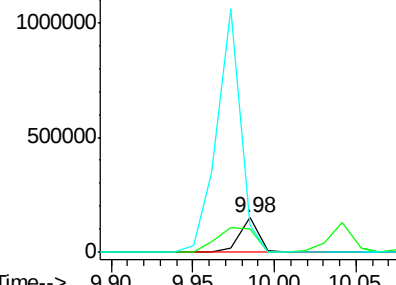
#53
2,4-Dinitrophenol
Concen: 43.66 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF082648.D
Acq: 2 Nov 2015 23:29

Instrument :
BNA_F
ClientSampleId :
T-16CMSD

Tot Ion:184 Resp: 122268
Ion Ratio Lower Upper
184 100
63 66.8 98.6 148.0#
154 78.5 183.9 275.9#

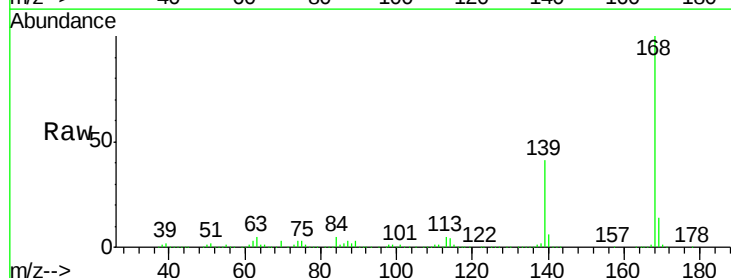


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

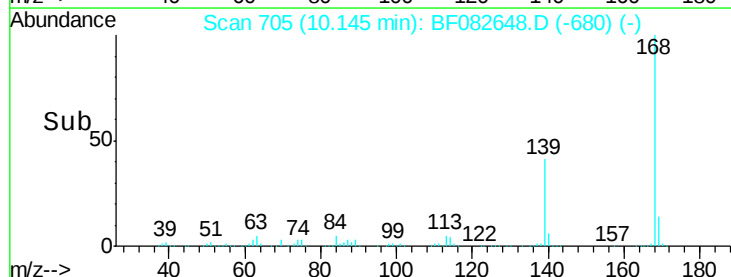
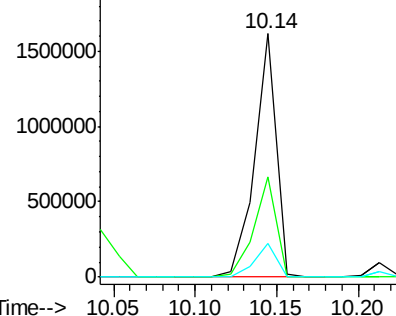


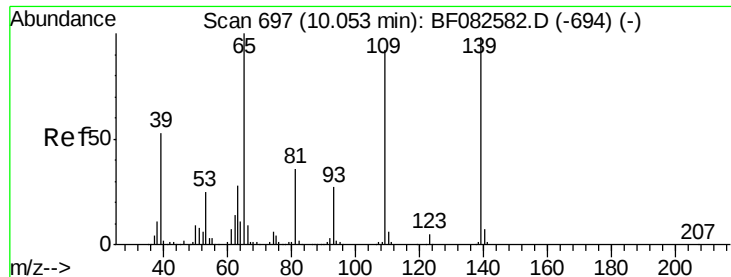
#54
Dibenzofuran
Concen: 48.77 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF082648.D
Acq: 2 Nov 2015 23:29

Tgt Ion:168 Resp: 1489615
Ion Ratio Lower Upper
168 100
139 41.3 37.8 56.6
169 13.9 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

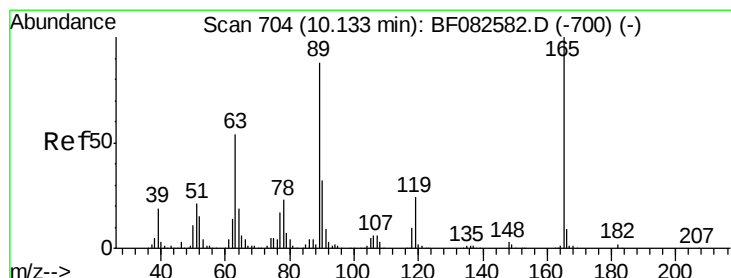
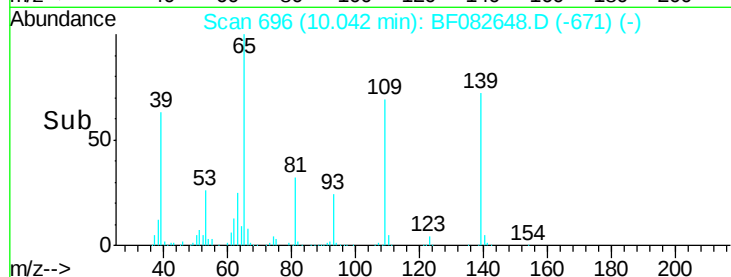
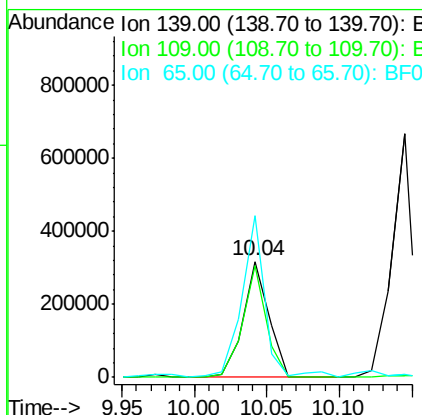
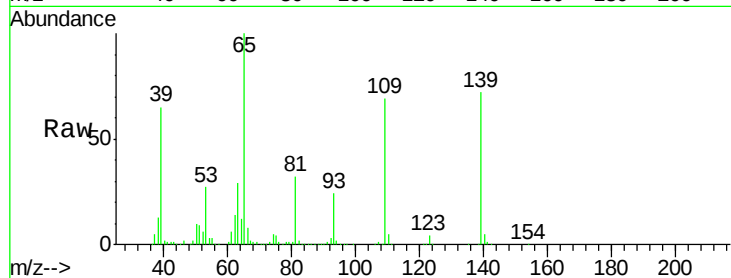




#55
4-Nitrophenol
Concen: 83.05 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF082648.D
Acq: 2 Nov 2015 23:29

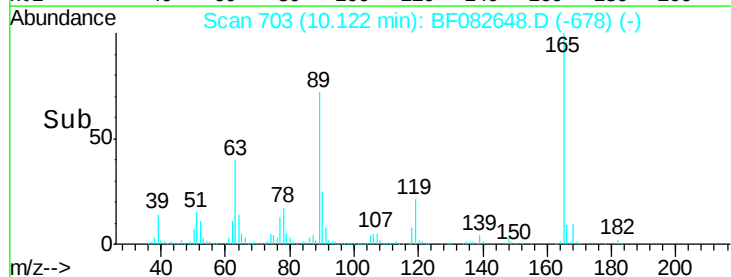
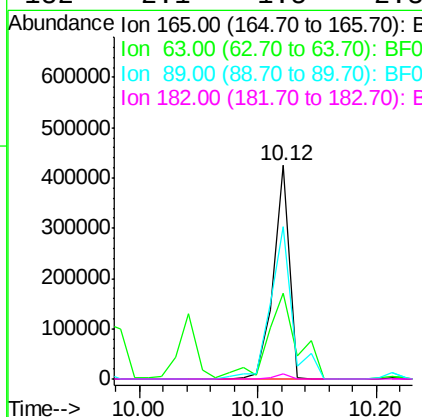
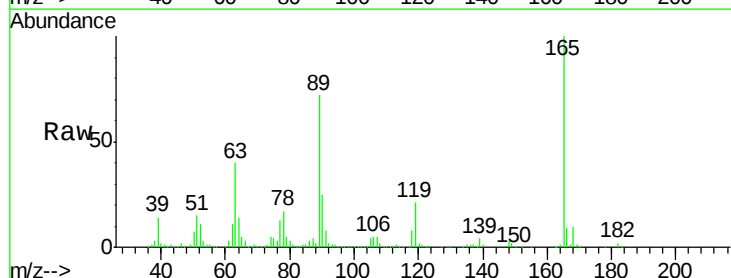
Instrument :
BNA_F
ClientSampleId :
T-16CMSD

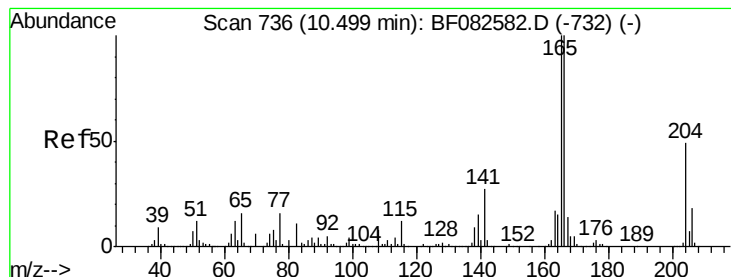
Tot Ion:139 Resp: 395546
Ion Ratio Lower Upper
139 100
109 96.3 73.7 113.7
65 139.5 82.9 122.9#



#56
2,4-Dinitrotoluene
Concen: 51.64 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF082648.D
Acq: 2 Nov 2015 23:29

Tgt Ion:165 Resp: 397299
Ion Ratio Lower Upper
165 100
63 40.1 43.4 65.0#
89 71.6 70.6 106.0
182 2.1 1.5 2.3





#57

Fluorene

Concen: 47.27 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

Instrument :

BNA_F

ClientSampleId :

T-16CMSD

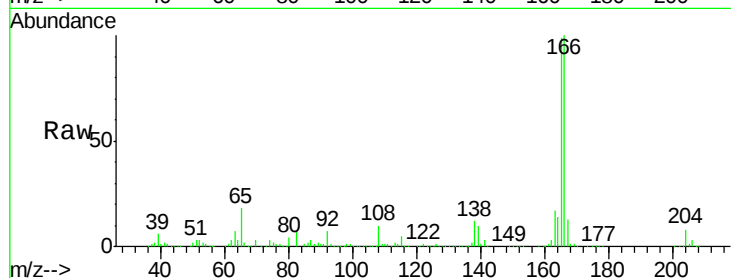
Tot Ion:166 Resp: 1164502

Ion Ratio Lower Upper

166 100

165 99.3 80.2 120.4

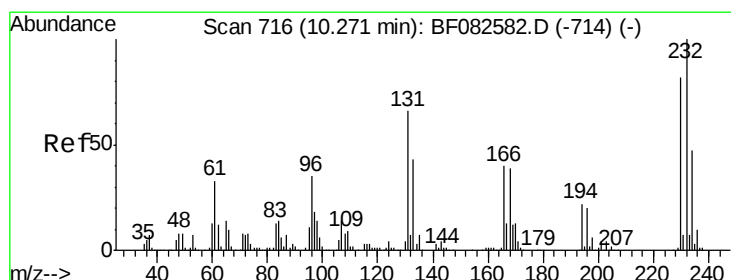
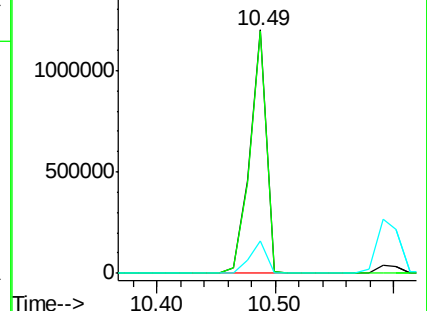
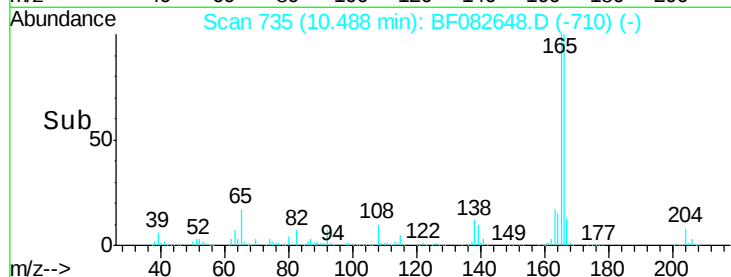
167 13.4 11.2 16.8



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: 45.96 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

Tgt Ion:232 Resp: 313434

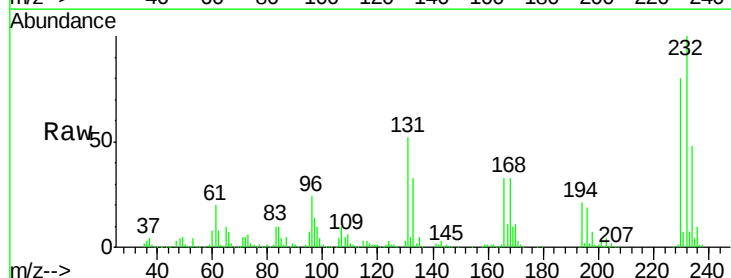
Ion Ratio Lower Upper

232 100

131 53.3 46.2 69.2

130 2.4 2.4 3.6

166 33.6 28.2 42.2

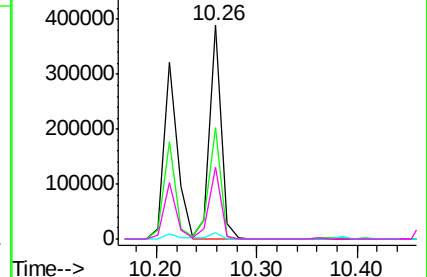
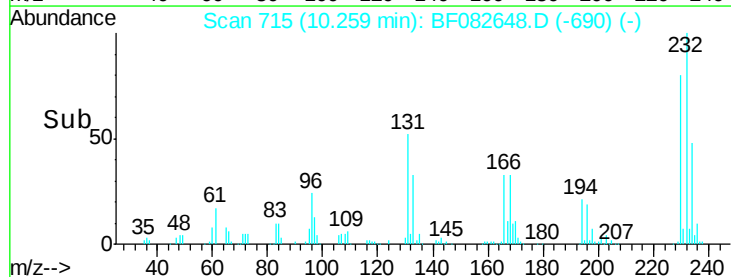


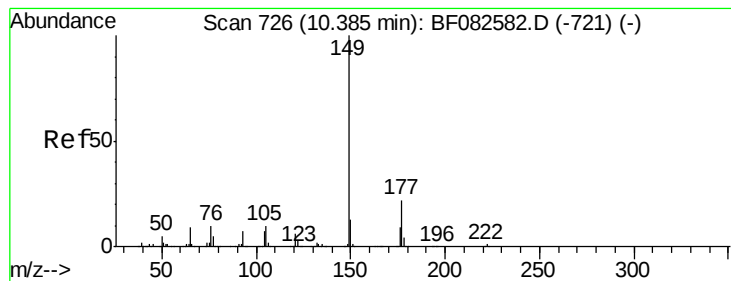
Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.28 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

Instrument :

BNA_F

ClientSampleId :

T-16CMSD

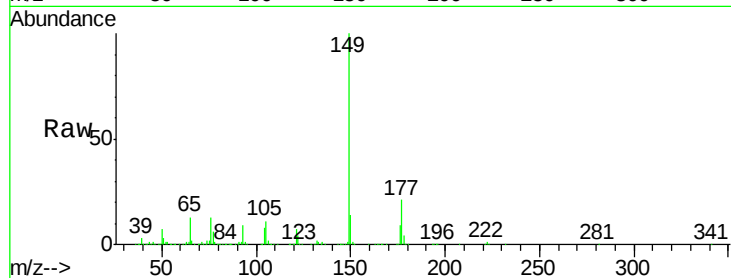
Tot Ion:149 Resp: 1181519

Ion Ratio Lower Upper

149 100

177 20.8 17.9 26.9

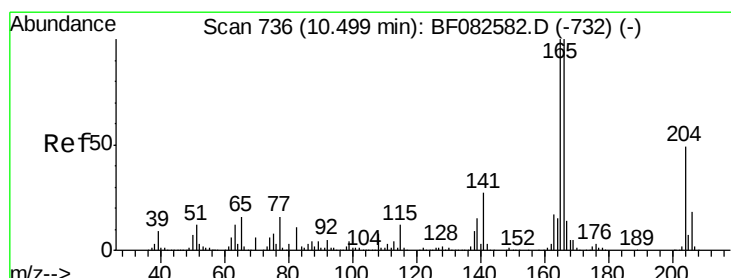
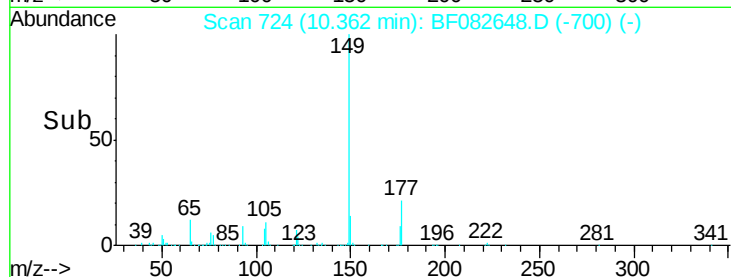
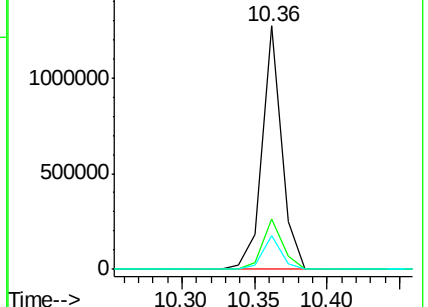
150 13.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.10 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

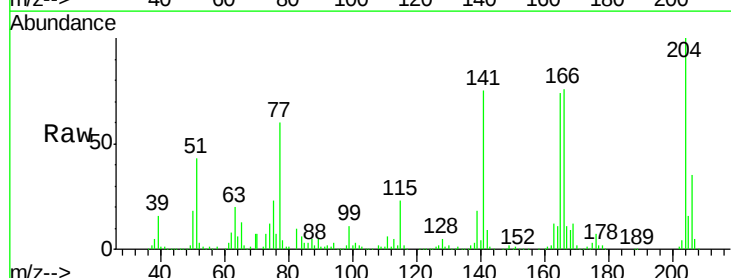
Tgt Ion:204 Resp: 504174

Ion Ratio Lower Upper

204 100

206 35.0 28.5 42.7

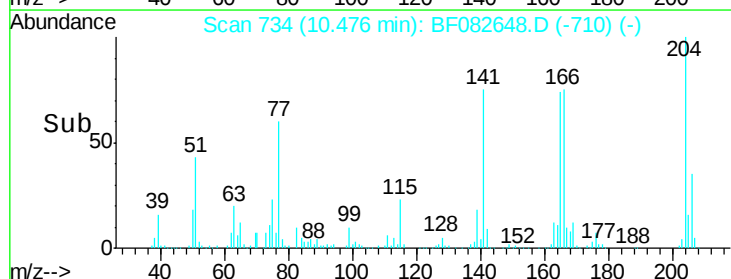
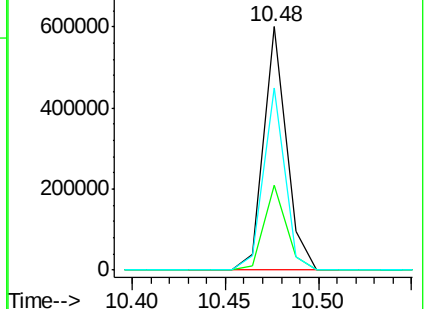
141 74.9 44.6 66.8#

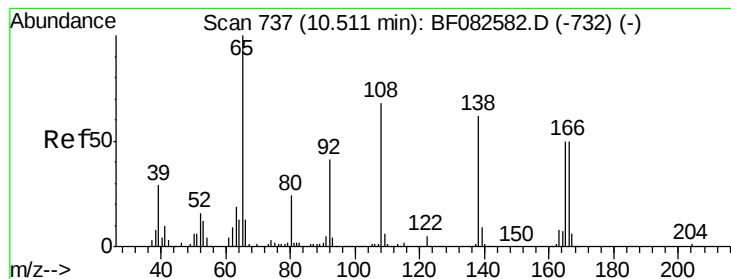


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 45.80 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

Instrument :

BNA_F

ClientSampleId :

T-16CMSD

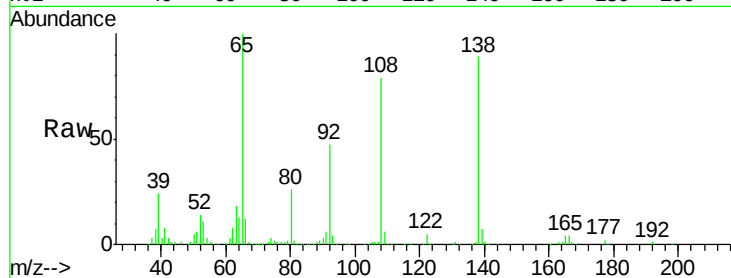
Tot Ion:138 Resp: 276660

Ion Ratio Lower Upper

138 100

92 52.8 45.8 85.8

108 89.2 89.4 129.4#

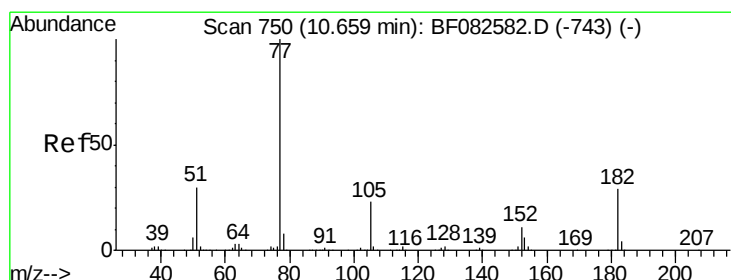
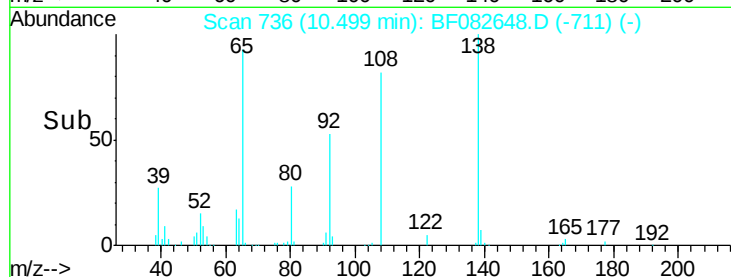
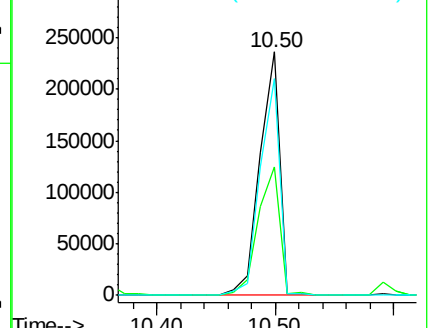


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

10.50



#62

Azobenzene

Concen: 42.83 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

Tgt Ion: 77 Resp: 1349700

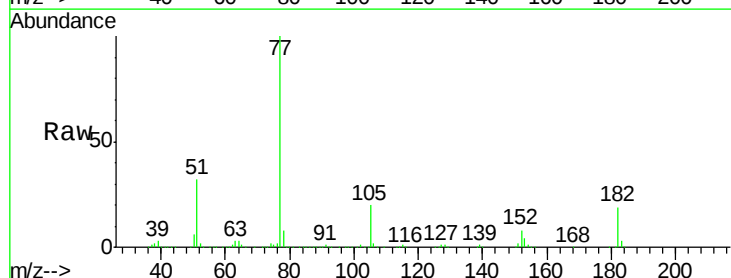
Ion Ratio Lower Upper

77 100

182 19.4 9.3 49.3

105 20.4 2.6 42.6

51 31.7 9.9 49.9



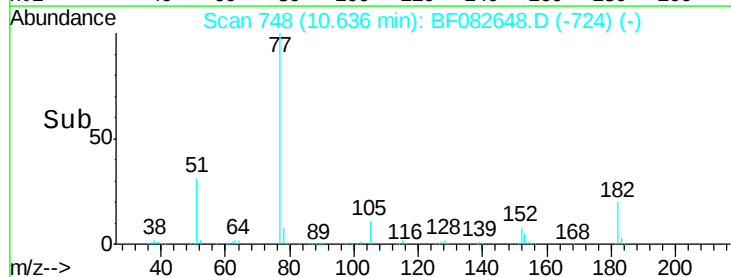
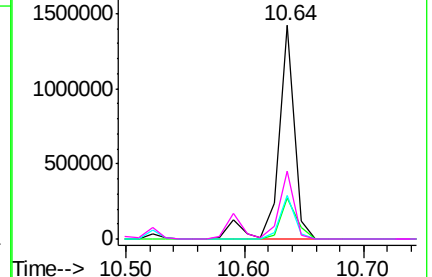
Abundance Ion 77.00 (76.70 to 77.70): BF0

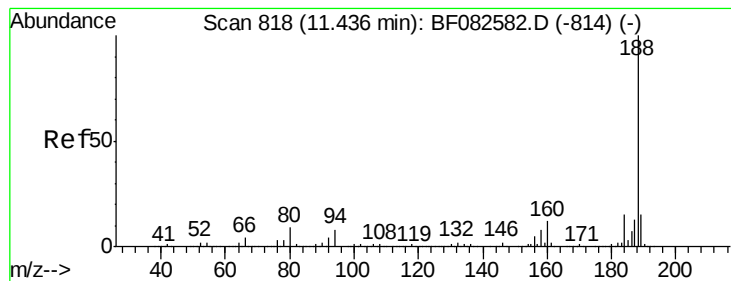
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

10.64





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.02 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

Instrument :

BNA_F

ClientSampleId :

T-16CMSD

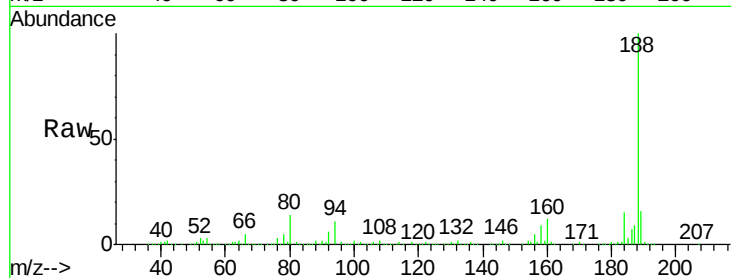
Tot Ion:188 Resp: 541257

Ion Ratio Lower Upper

188 100

94 10.6 6.1 9.1#

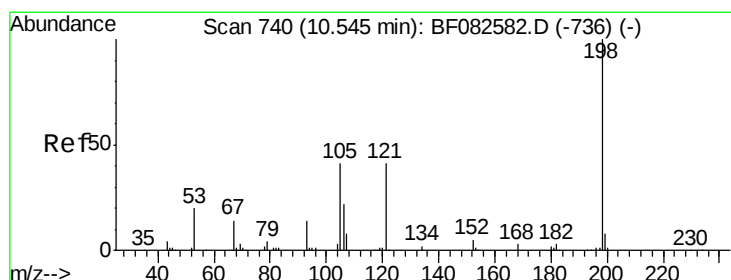
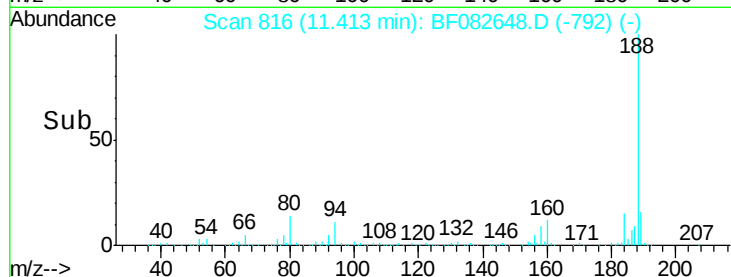
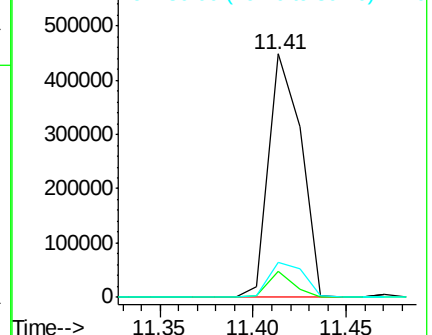
80 14.4 7.0 10.6#



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: 27.39 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

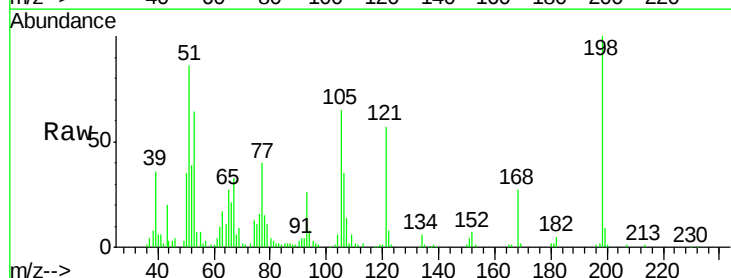
Tgt Ion:198 Resp: 89409

Ion Ratio Lower Upper

198 100

51 86.0 17.3 57.3#

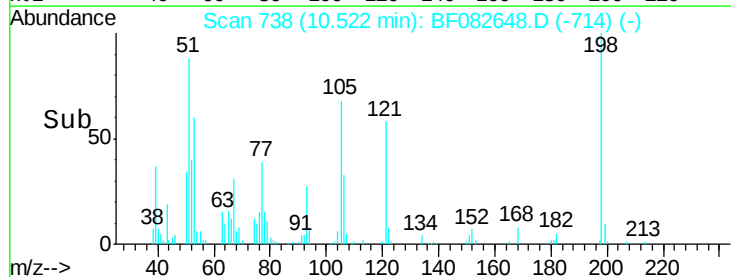
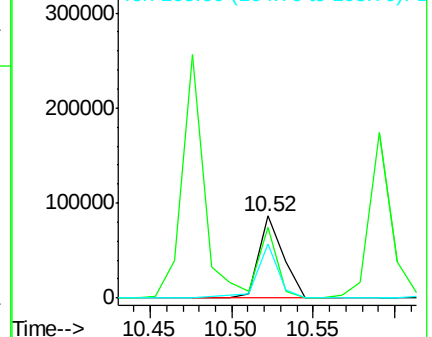
105 65.4 21.7 61.7#

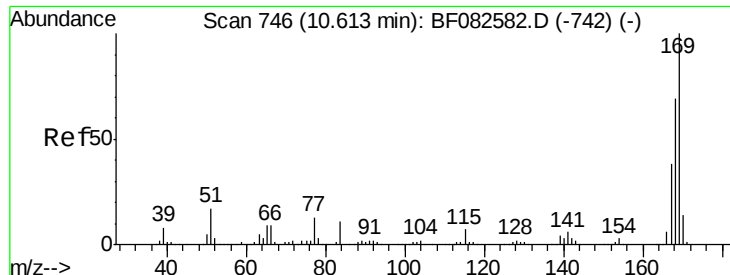


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

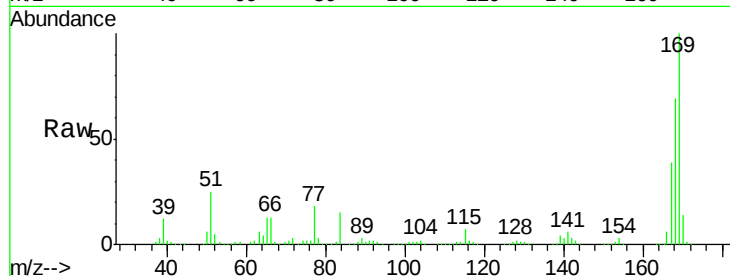




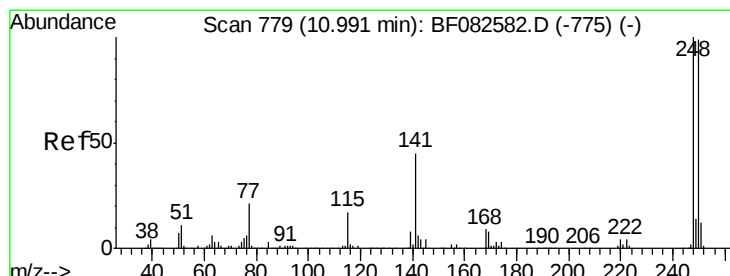
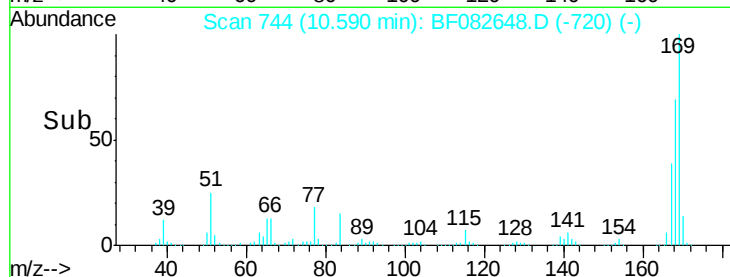
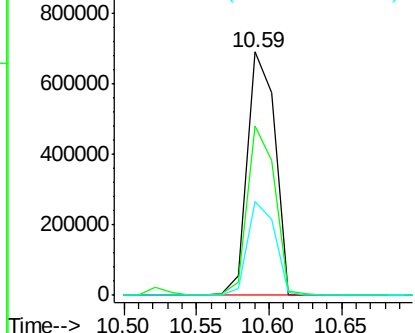
#65
n-Nitrosodiphenylamine
Concen: 49.11 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF082648.D
Acq: 2 Nov 2015 23:29

Instrument :
BNA_F
ClientSampleId :
T-16CMSD

Tot Ion:169 Resp: 913652
Ion Ratio Lower Upper
169 100
168 69.4 55.0 82.6
167 38.7 30.5 45.7

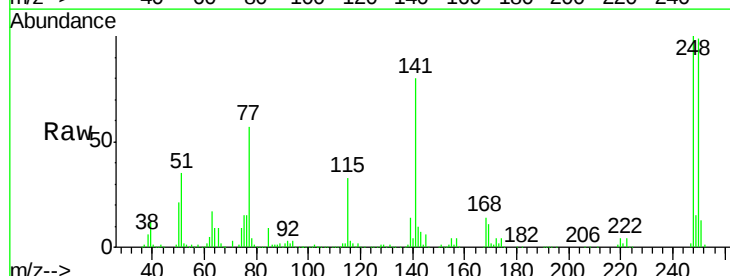


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

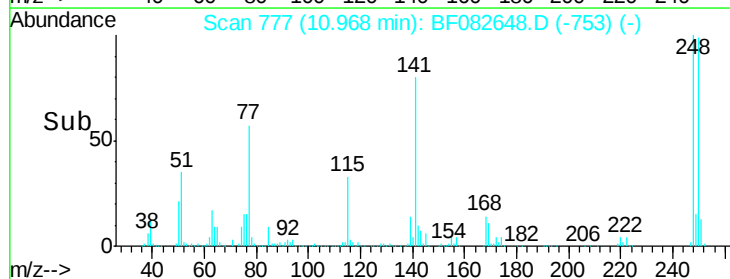
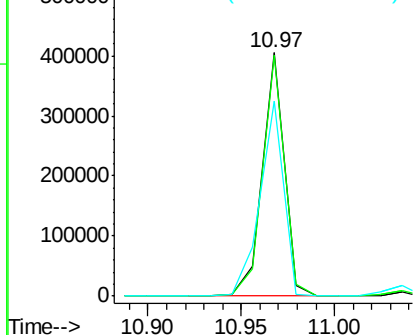


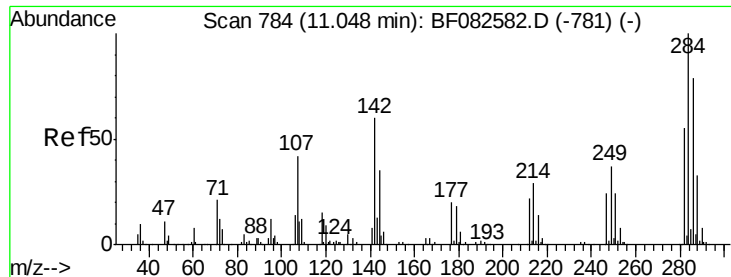
#66
4-Bromophenyl-phenylether
Concen: 53.17 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF082648.D
Acq: 2 Nov 2015 23:29

Tgt Ion:248 Resp: 326106
Ion Ratio Lower Upper
248 100
250 99.1 79.4 119.2
141 80.2 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

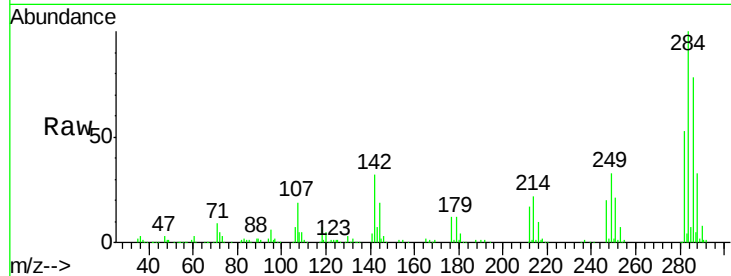




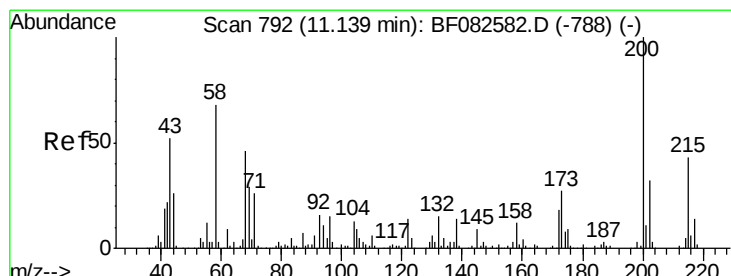
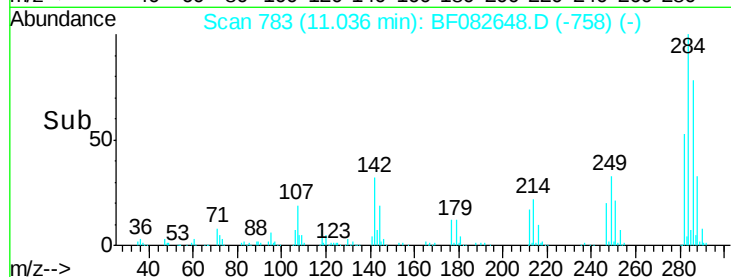
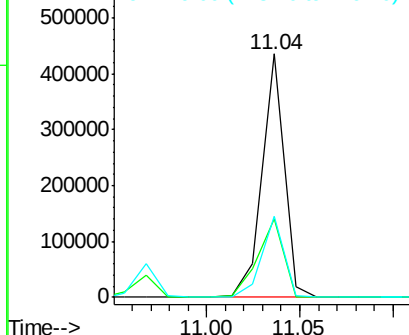
#67
Hexachlorobenzene
Concen: 52.30 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF082648.D
Acq: 2 Nov 2015 23:29

Instrument :
BNA_F
ClientSampleId :
T-16CMSD

Tot Ion:284 Resp: 355718
Ion Ratio Lower Upper
284 100
142 32.0 47.9 71.9#
249 33.5 29.7 44.5

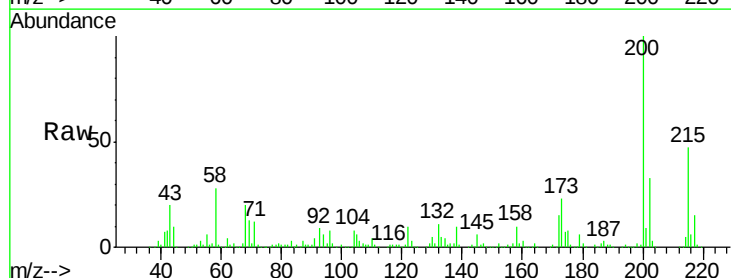


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

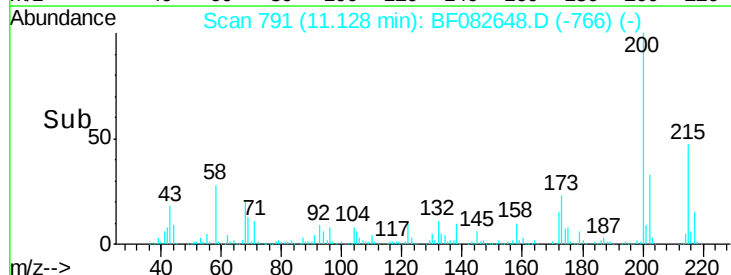
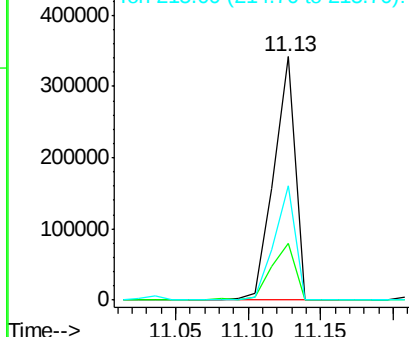


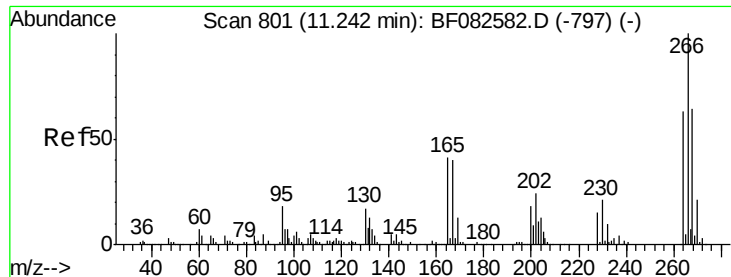
#68
Atrazine
Concen: 57.56 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF082648.D
Acq: 2 Nov 2015 23:29

Tgt Ion:200 Resp: 350426
Ion Ratio Lower Upper
200 100
173 23.4 6.9 46.9
215 46.8 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

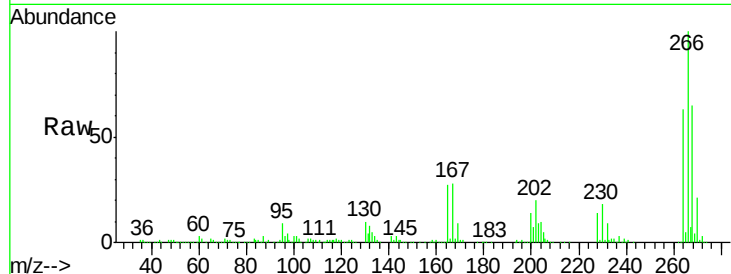




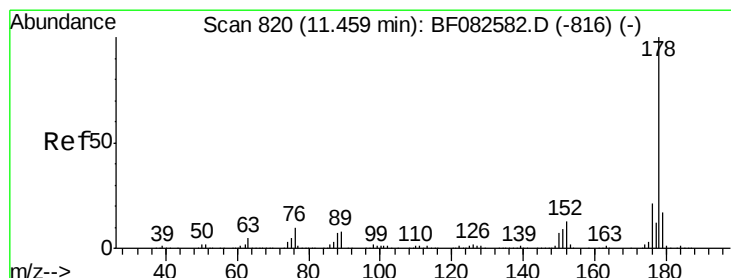
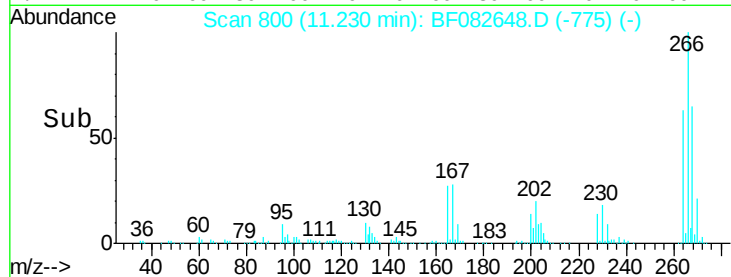
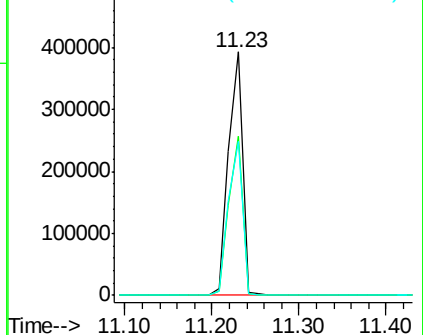
#69
 Pentachlorophenol
 Concen: 99.21 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF082648.D
 Acq: 2 Nov 2015 23:29

Instrument :
 BNA_F
 ClientSampleId :
 T-16CMSD

Tot Ion:266 Resp: 444926
 Ion Ratio Lower Upper
 266 100
 268 65.3 51.0 76.6
 264 63.1 50.6 75.8

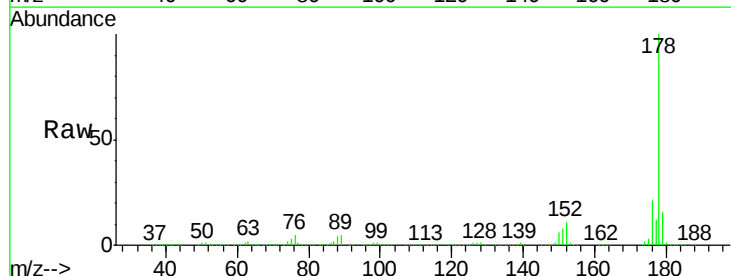


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

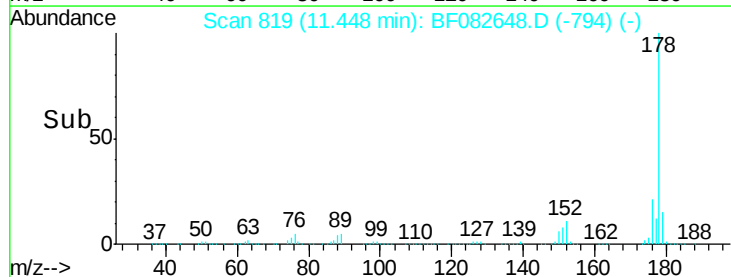
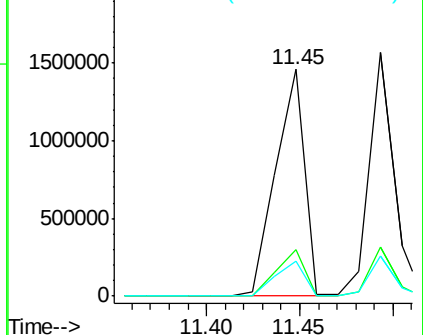


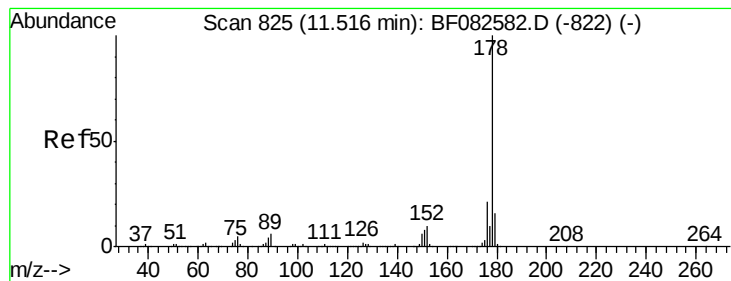
#70
 Phenanthrene
 Concen: 51.36 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF082648.D
 Acq: 2 Nov 2015 23:29

Tgt Ion:178 Resp: 1567869
 Ion Ratio Lower Upper
 178 100
 176 20.7 17.0 25.4
 179 15.5 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: 45.87 ng

RT: 11.49 min Scan# 823

Delta R.T. -0.02 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

Instrument :

BNA_F

ClientSampleId :

T-16CMSD

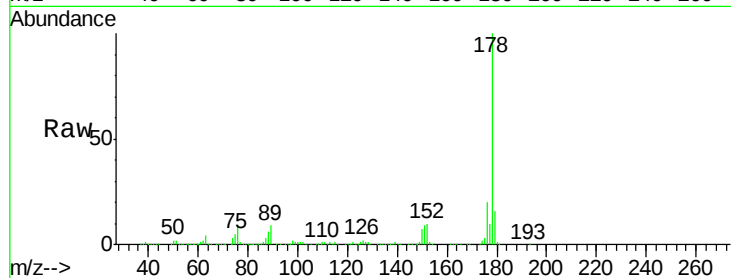
Tot Ion:178 Resp: 1409933

Ion Ratio Lower Upper

178 100

176 20.0 16.5 24.7

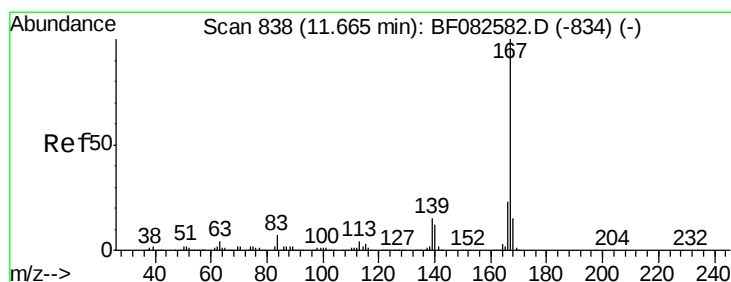
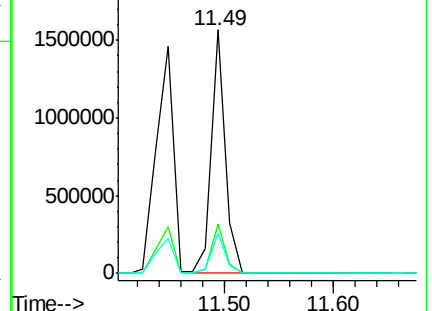
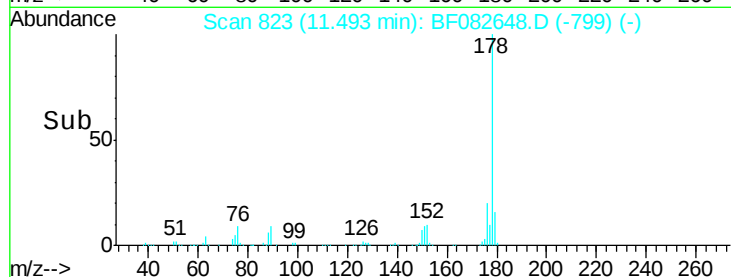
179 16.2 13.2 19.8



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: 47.43 ng

RT: 11.64 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

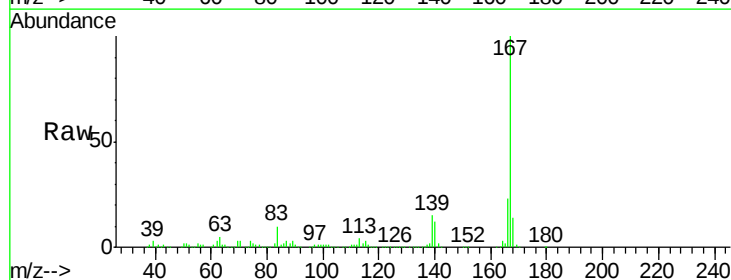
Tgt Ion:167 Resp: 1269813

Ion Ratio Lower Upper

167 100

166 23.3 18.7 28.1

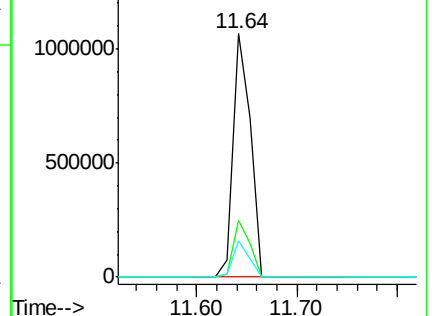
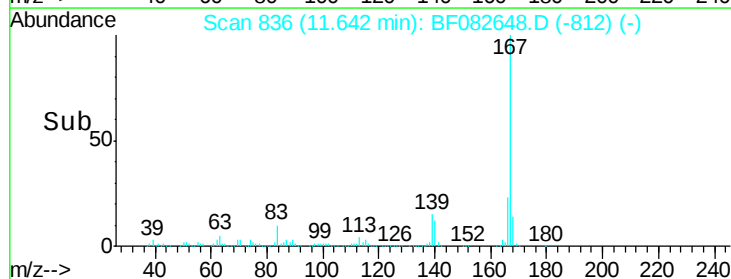
139 15.0 11.8 17.6

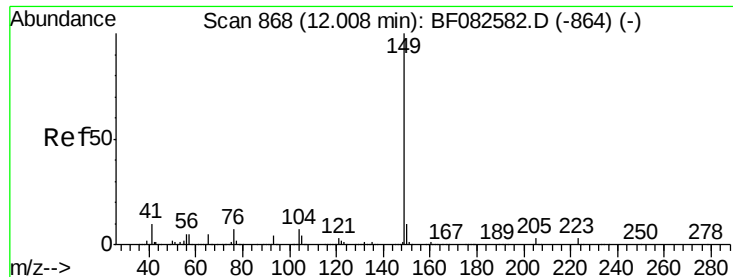


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.05 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.02 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

Instrument :

BNA_F

ClientSampleId :

T-16CMSD

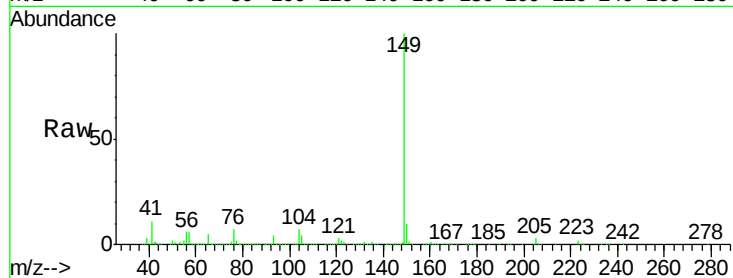
Tot Ion:149 Resp: 1603701

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

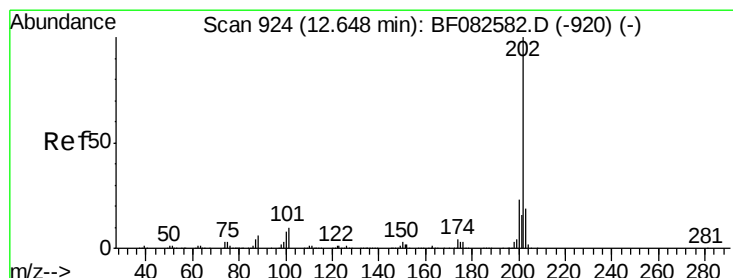
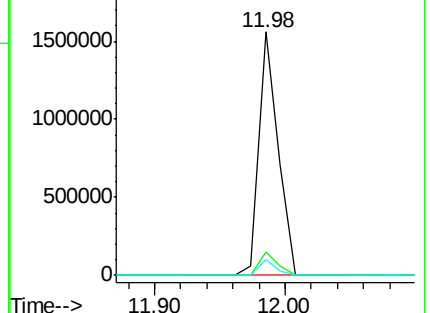
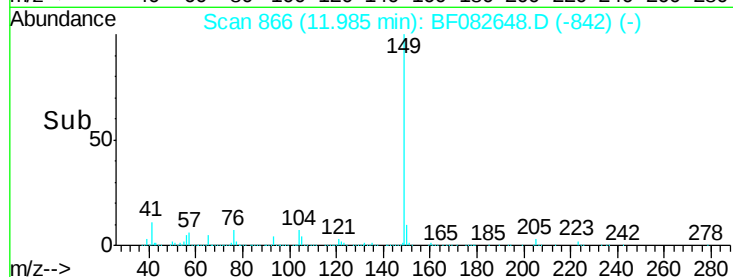
104 6.5 5.2 7.8



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: 44.41 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

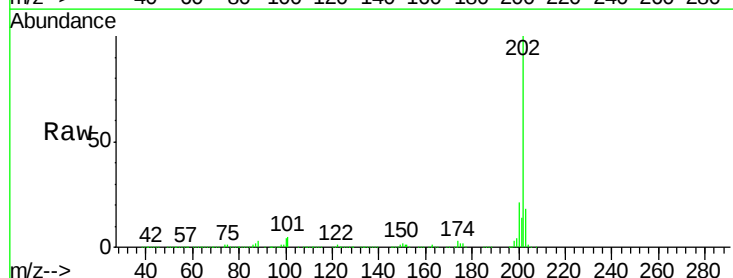
Tgt Ion:202 Resp: 1386087

Ion Ratio Lower Upper

202 100

101 5.0 0.0 30.5

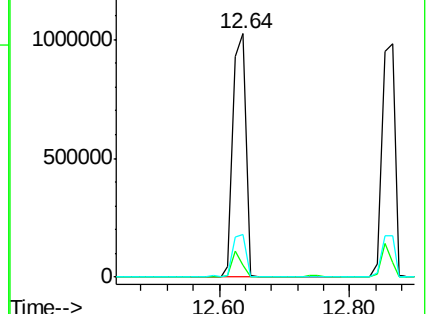
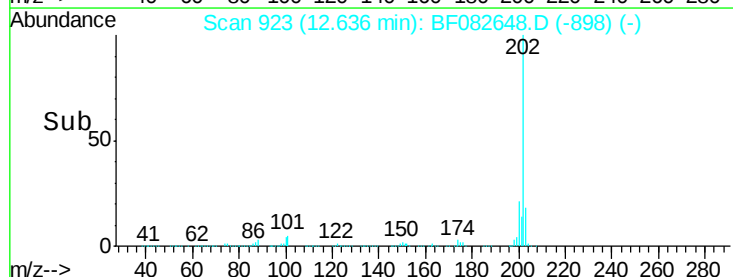
203 17.7 0.0 38.5

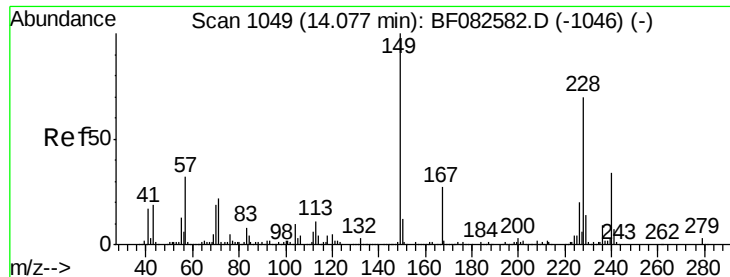


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF082648.D

Acq: 2 Nov 2015 23:29

Instrument :

BNA_F

ClientSampleId :

T-16CMSD

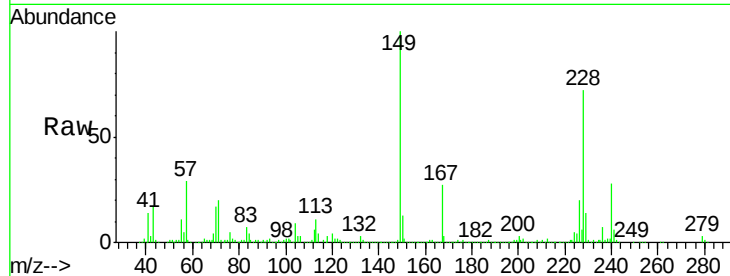
Tot Ion:240 Resp: 390452

Ion Ratio Lower Upper

240 100

120 13.3 10.9 16.3

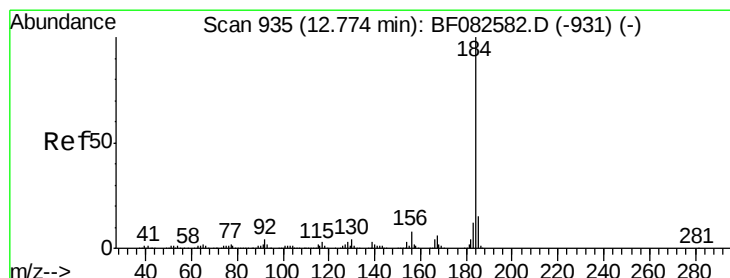
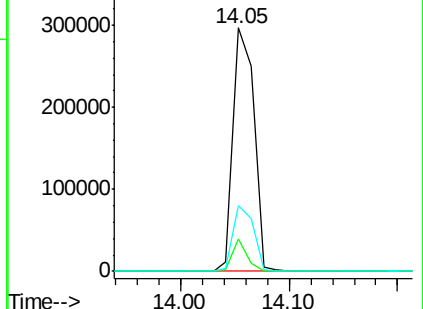
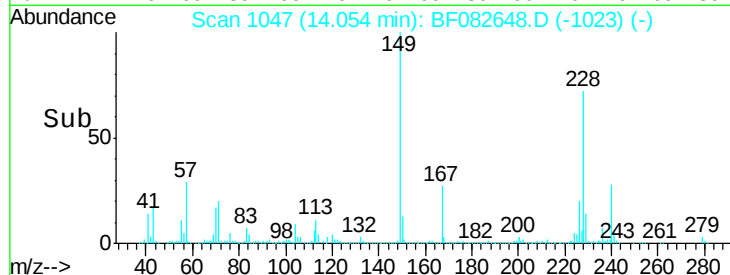
236 26.8 21.6 32.4



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: 46.48 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.02 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

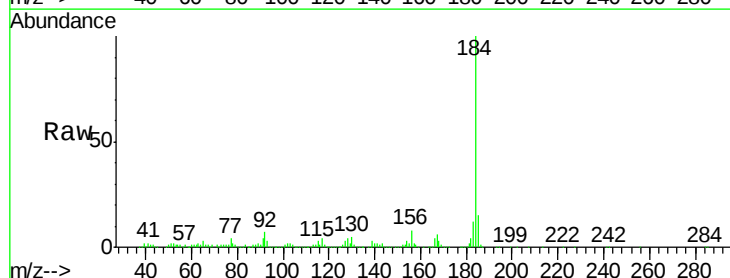
Tgt Ion:184 Resp: 818428

Ion Ratio Lower Upper

184 100

185 14.9 12.0 18.0

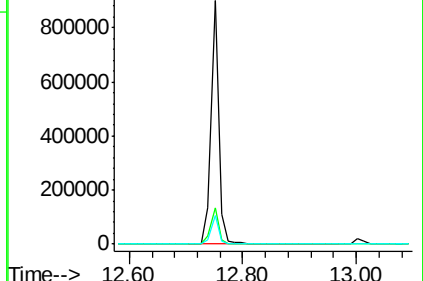
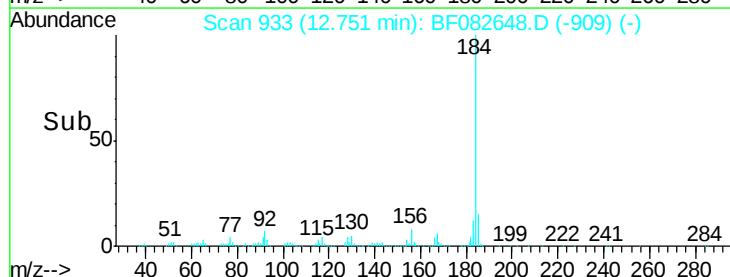
183 11.7 9.6 14.4

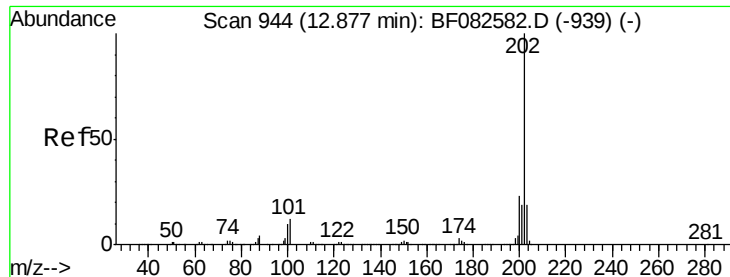


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 47.52 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

Instrument :

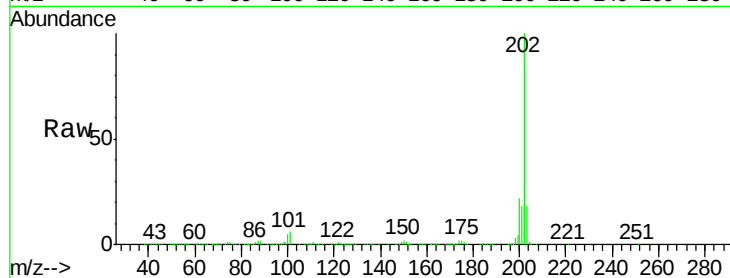
BNA_F

ClientSampleId :

T-16CMSD

Tot Ion:202 Resp: 1373841

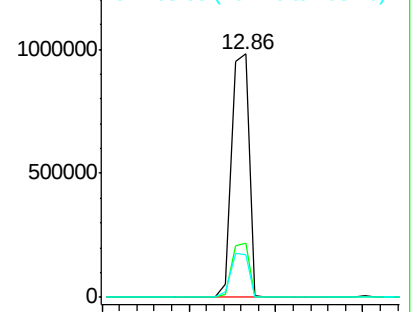
Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.7	28.1
203	17.6	14.8	22.2



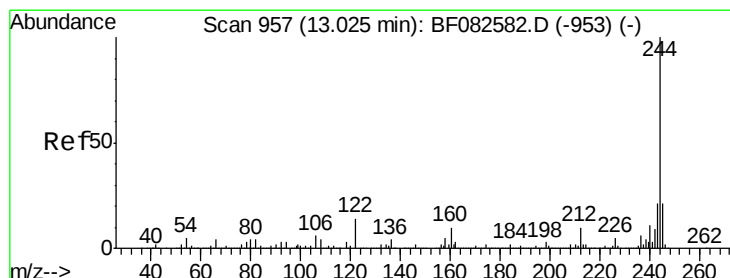
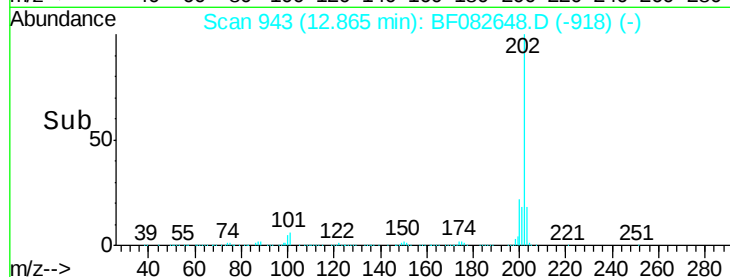
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 12.70 12.80 12.90 13.00



#78

Terphenyl-d14

Concen: 84.98 ng

RT: 13.00 min Scan# 955

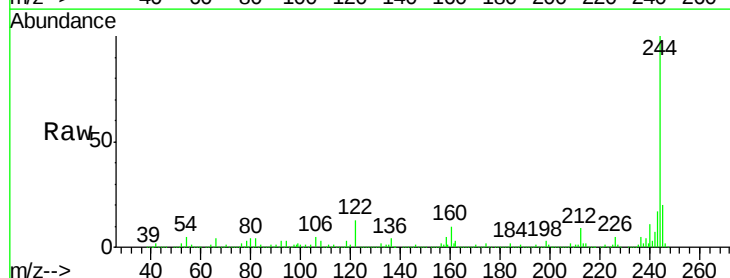
Delta R.T. -0.02 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

Tgt Ion:244 Resp: 1516221

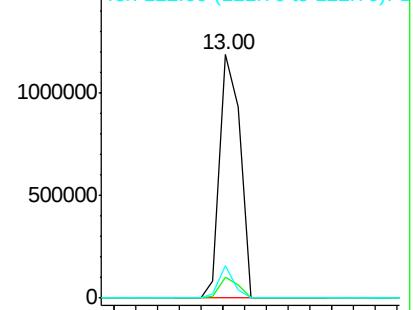
Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.6	11.4
122	13.4	11.3	16.9



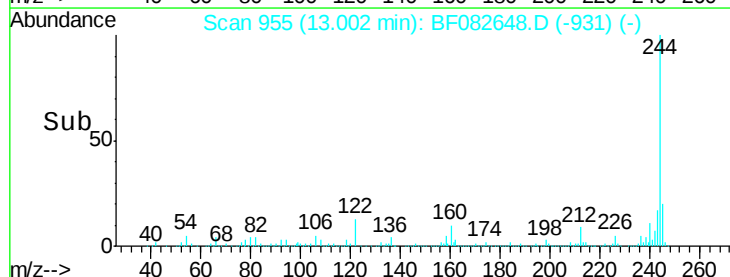
Abundance Ion 244.00 (243.70 to 244.70): E

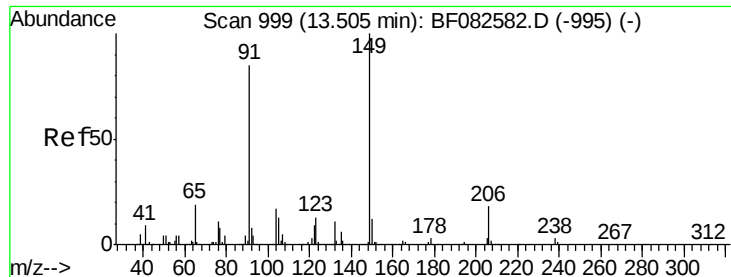
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.90 13.00 13.10





#79

Butylbenzylphthalate

Concen: 49.10 ng

RT: 13.48 min Scan# 997

Delta R.T. -0.02 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

Instrument :

BNA_F

ClientSampleId :

T-16CMSD

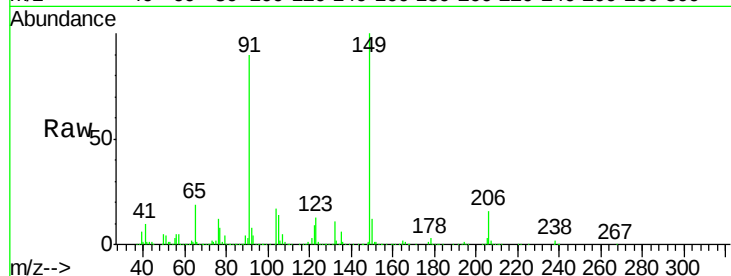
Tot Ion:149 Resp: 621765

Ion Ratio Lower Upper

149 100

91 89.6 67.7 101.5

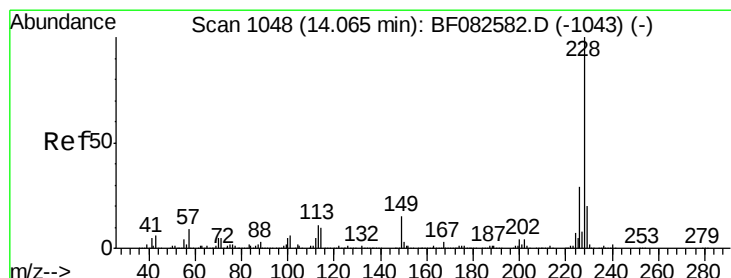
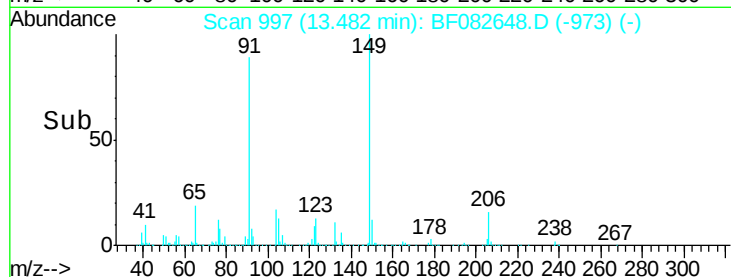
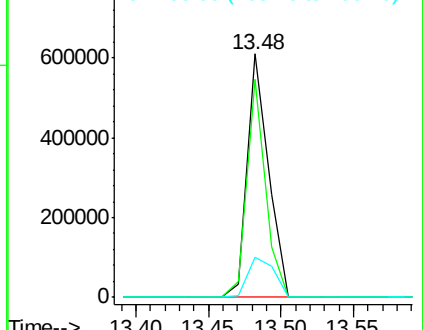
206 16.2 14.6 22.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 45.41 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

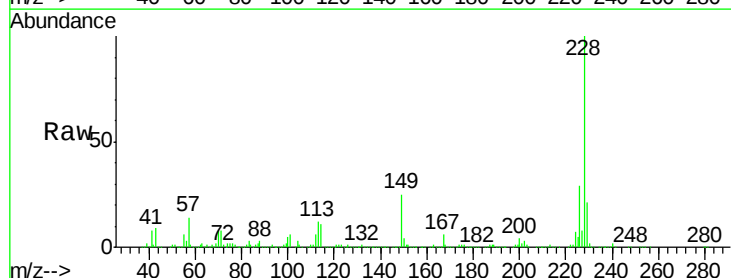
Tgt Ion:228 Resp: 1126234

Ion Ratio Lower Upper

228 100

226 29.0 23.4 35.2

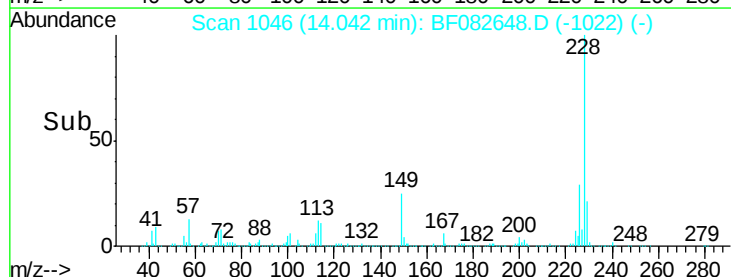
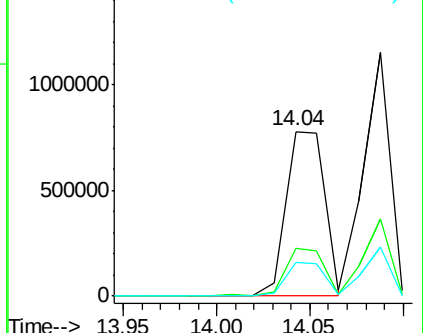
229 20.6 16.3 24.5

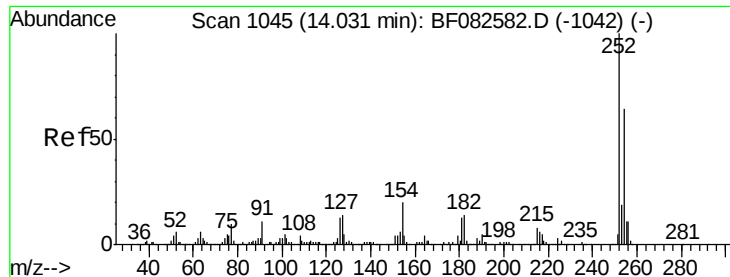


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

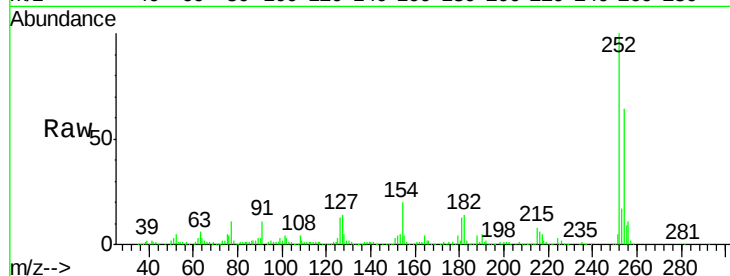




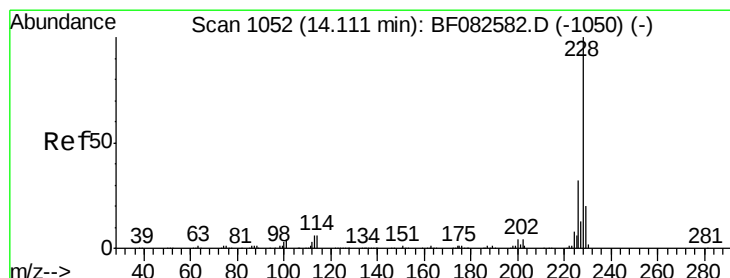
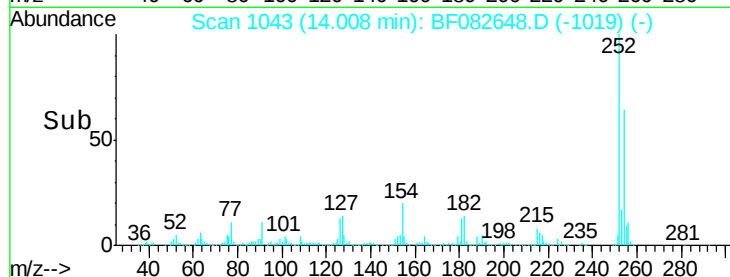
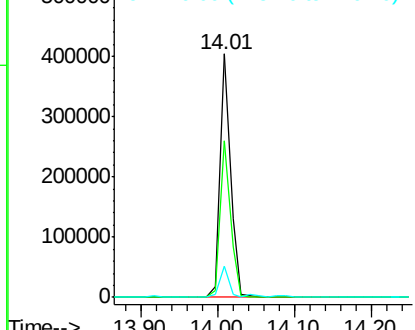
#81
 3,3'-Dichlorobenzidine
 Concen: 45.38 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.02 min
 Lab File: BF082648.D
 Acq: 2 Nov 2015 23:29

Instrument :
 BNA_F
 ClientSampleId :
 T-16CMSD

Tot Ion:252 Resp: 387853
 Ion Ratio Lower Upper
 252 100
 254 64.1 51.4 77.0
 126 13.0 10.7 16.1

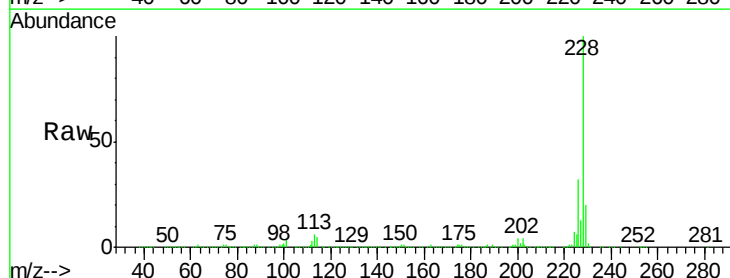


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

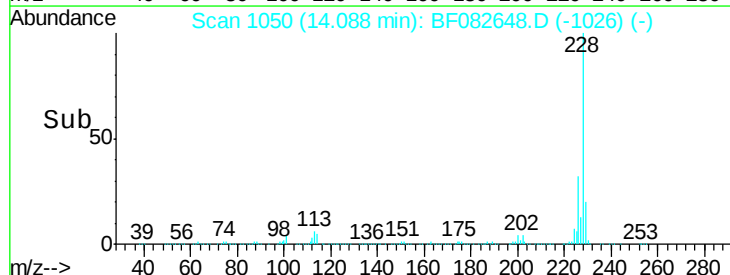
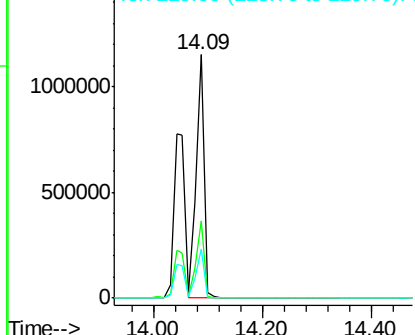


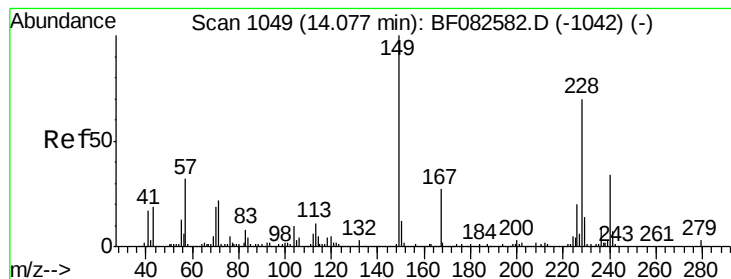
#82
 Chrysene
 Concen: 50.48 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.02 min
 Lab File: BF082648.D
 Acq: 2 Nov 2015 23:29

Tgt Ion:228 Resp: 1134863
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.5 38.3
 229 20.2 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: 56.72 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

Instrument :

BNA_F

ClientSampleId :

T-16CMSD

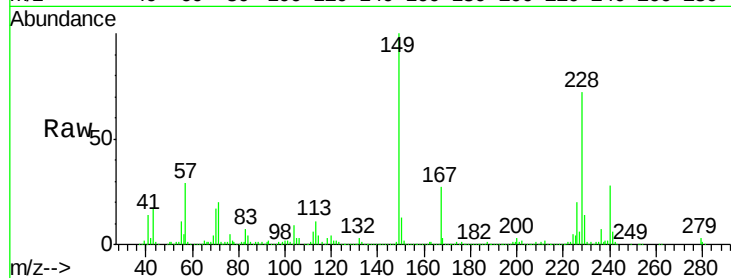
Tot Ion:149 Resp: 931149

Ion Ratio Lower Upper

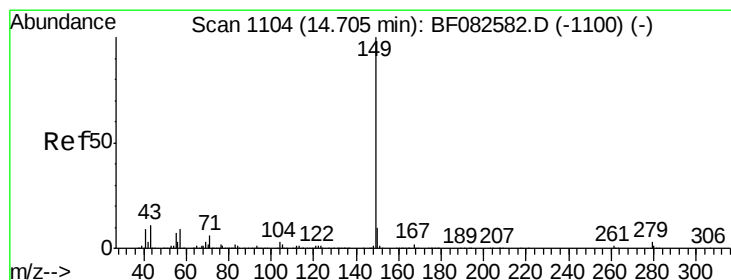
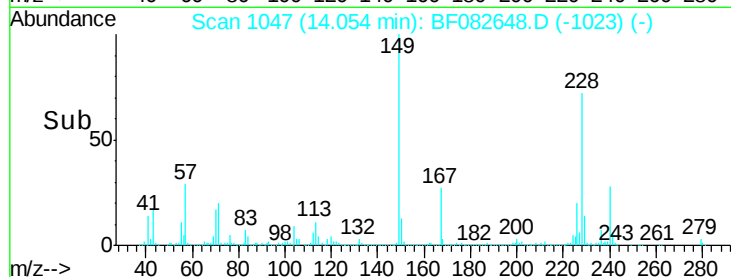
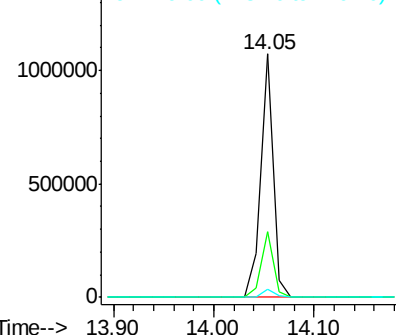
149 100

167 26.8 21.2 31.8

279 3.3 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: 55.02 ng

RT: 14.66 min Scan# 1100

Delta R.T. -0.05 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

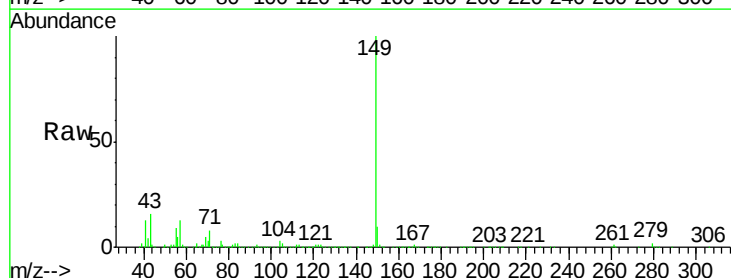
Tgt Ion:149 Resp: 1408885

Ion Ratio Lower Upper

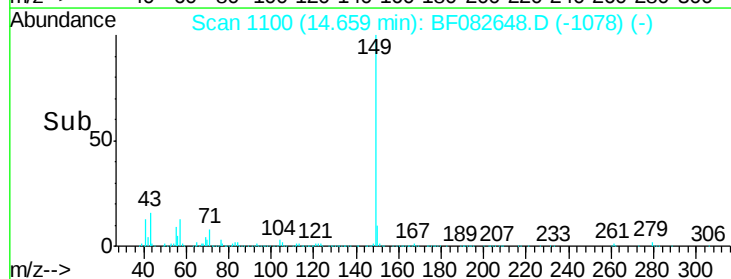
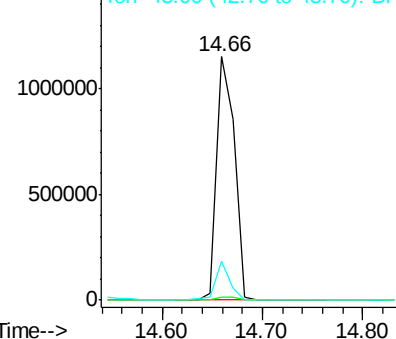
149 100

167 1.6 1.3 1.9

43 12.1 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

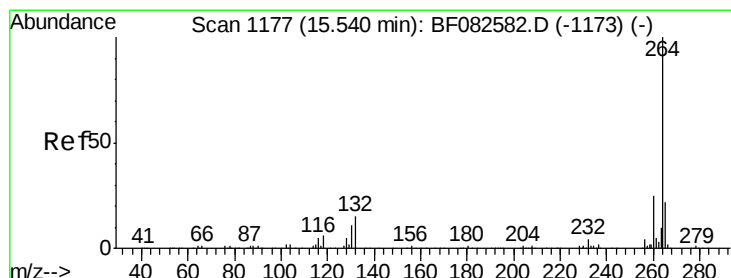
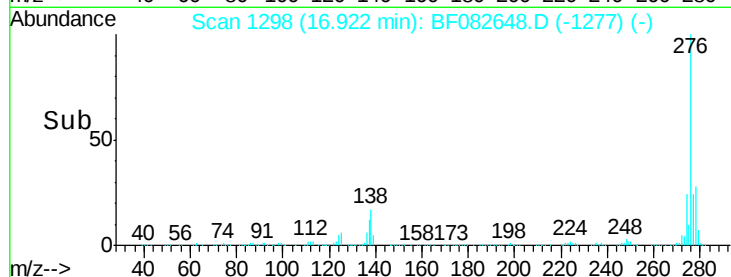
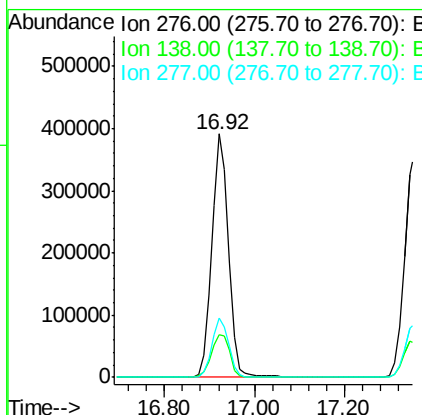
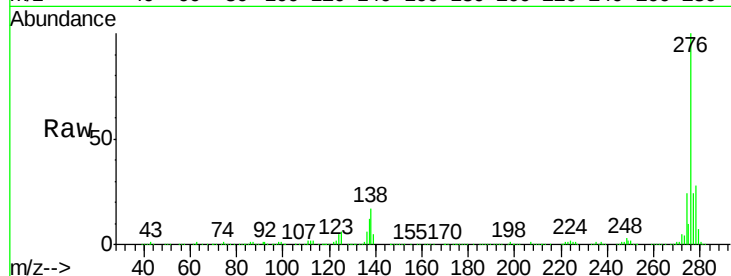




#85
Indeno(1,2,3-cd)pyrene
Concen: 54.34 ng
RT: 16.92 min Scan# 1298
Delta R.T. -0.06 min
Lab File: BF082648.D
Acq: 2 Nov 2015 23:29

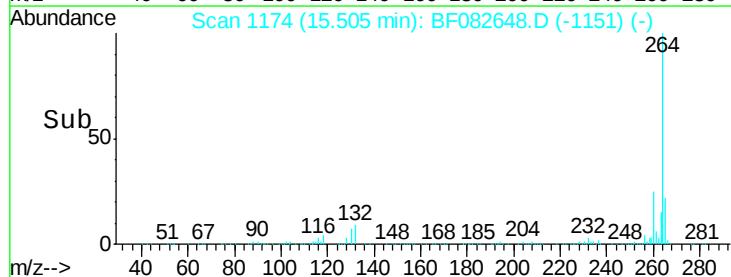
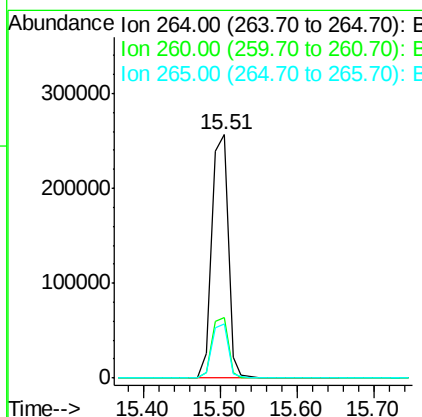
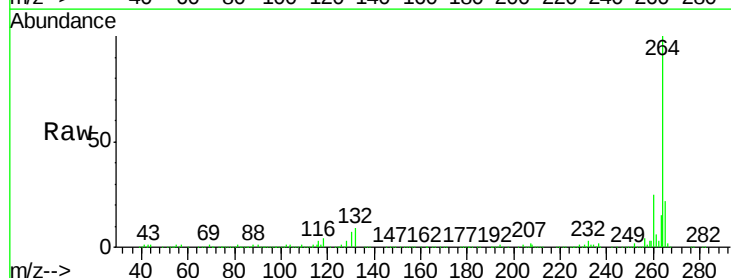
Instrument :
BNA_F
ClientSampleId :
T-16CMSD

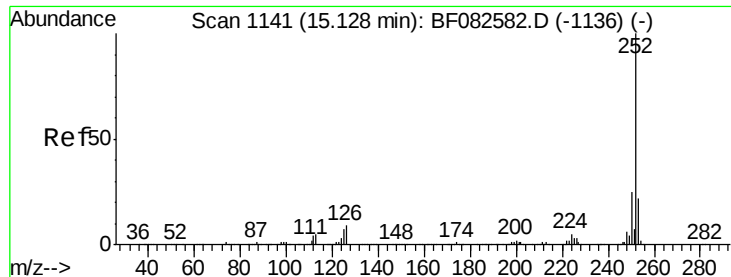
Tot Ion:276 Resp: 1008132
Ion Ratio Lower Upper
276 100
138 19.2 15.3 22.9
277 24.9 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. -0.03 min
Lab File: BF082648.D
Acq: 2 Nov 2015 23:29

Tgt Ion:264 Resp: 380298
Ion Ratio Lower Upper
264 100
260 25.0 19.8 29.6
265 22.0 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 47.07 ng m

RT: 15.08 min Scan# 1137

Delta R.T. -0.05 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

Instrument :

BNA_F

ClientSampleId :

T-16CMSD

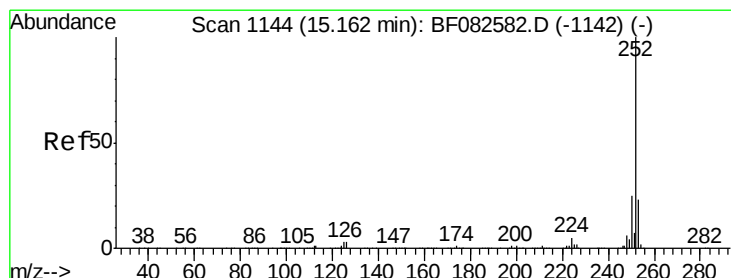
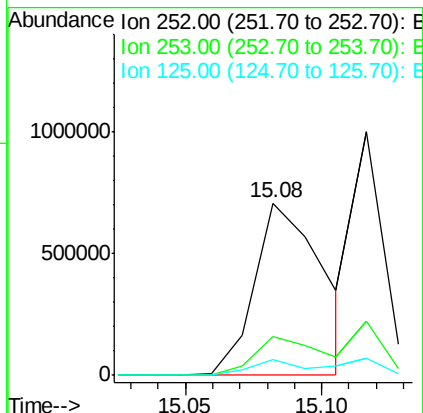
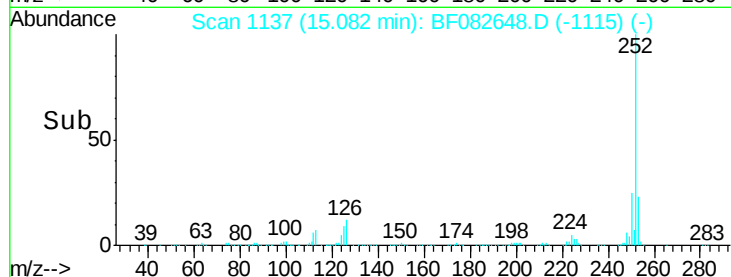
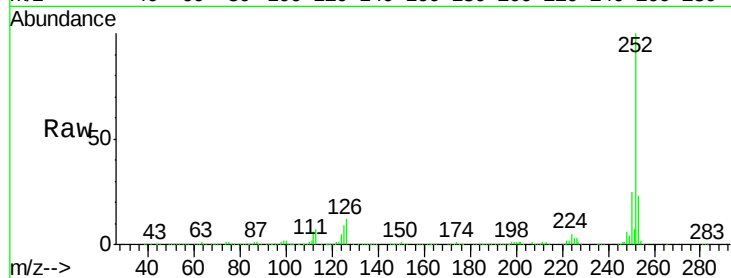
Tot Ion:252 Resp: 1234380

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

125 8.8 5.4 8.2#



#88

Benzo(k)fluoranthene

Concen: 40.08 ng m

RT: 15.12 min Scan# 1140

Delta R.T. -0.05 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

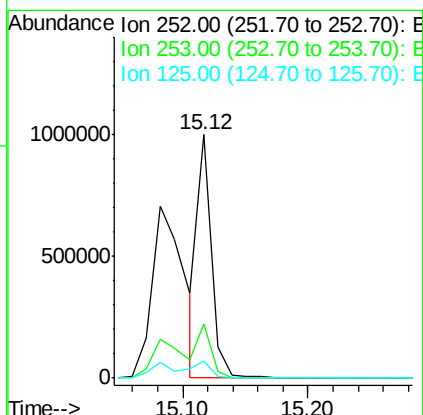
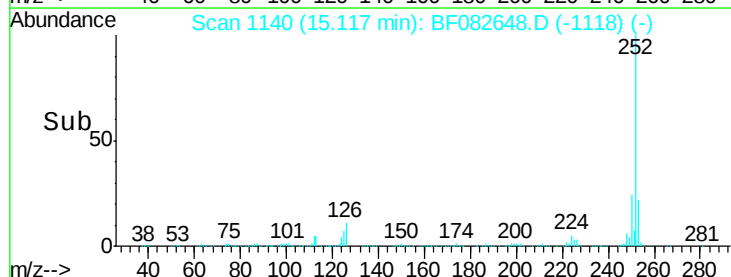
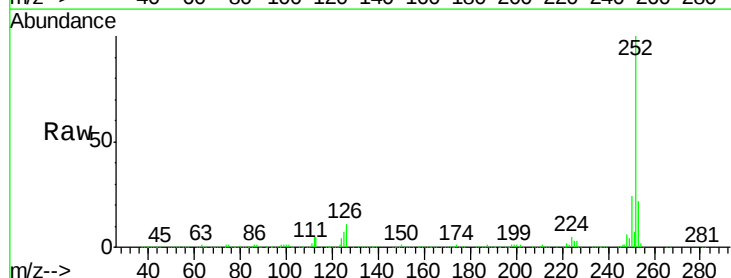
Tgt Ion:252 Resp: 800811

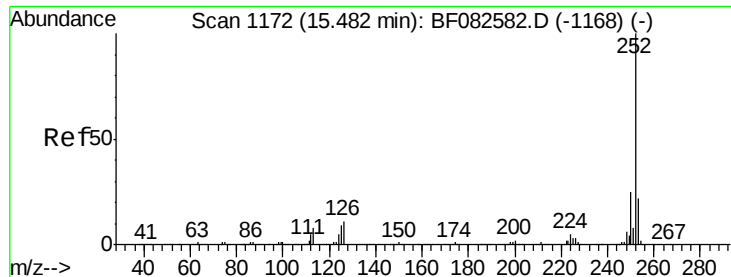
Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

125 7.2 3.5 5.3#

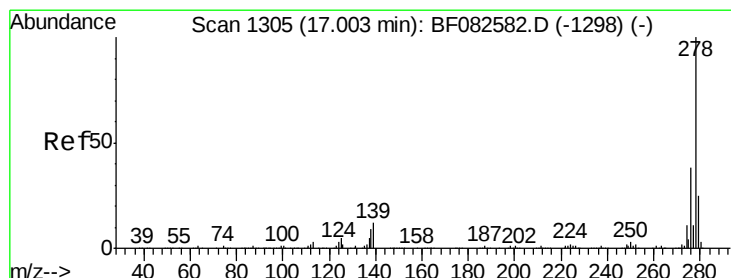
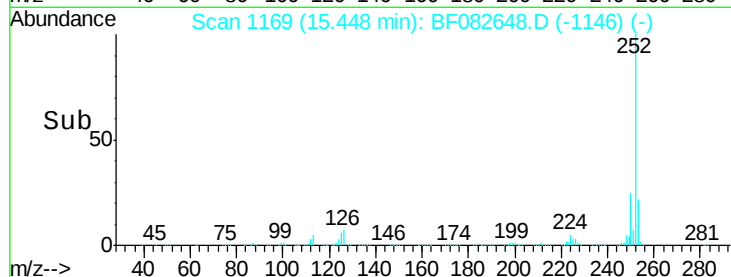
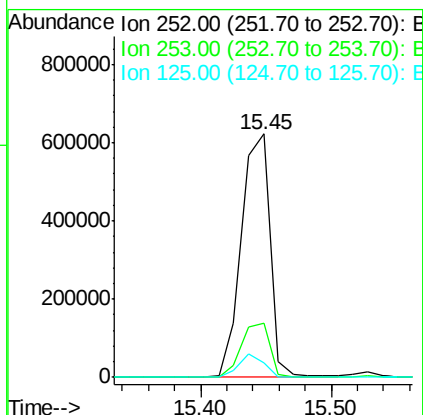
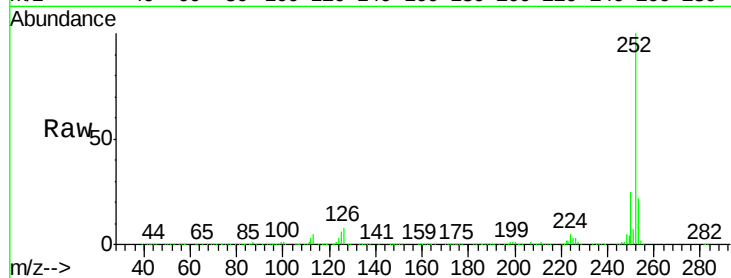




#89
Benzo(a)pyrene
Concen: 46.18 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.03 min
Lab File: BF082648.D
Acq: 2 Nov 2015 23:29

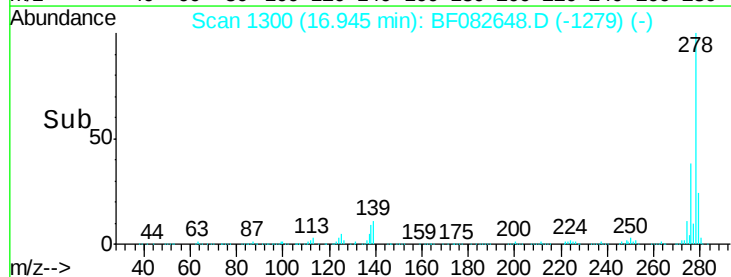
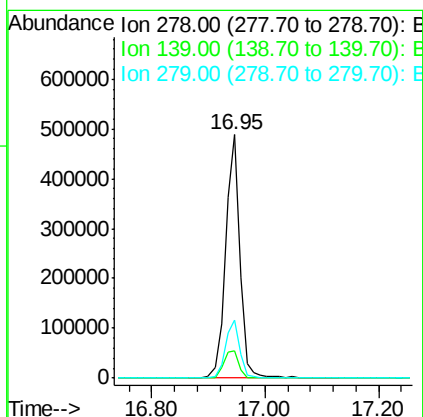
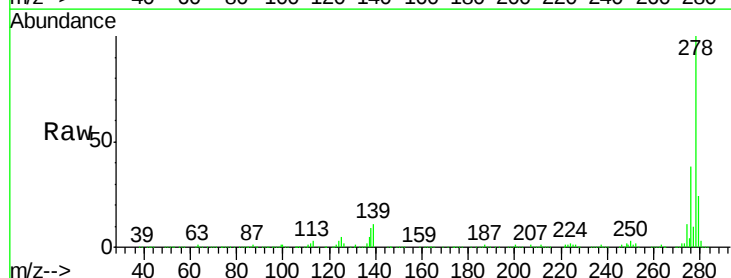
Instrument :
BNA_F
ClientSampleId :
T-16CMSD

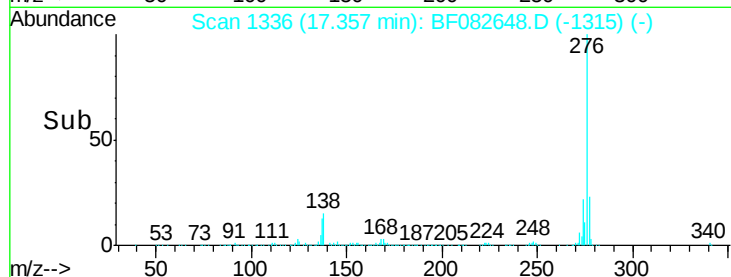
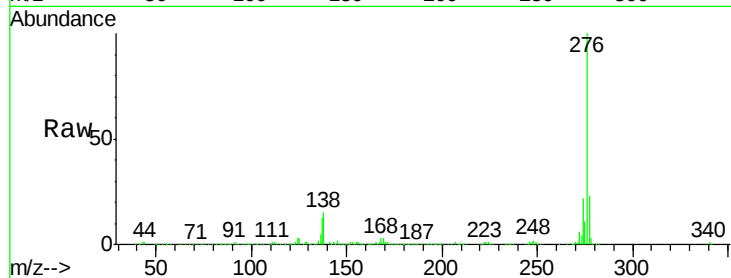
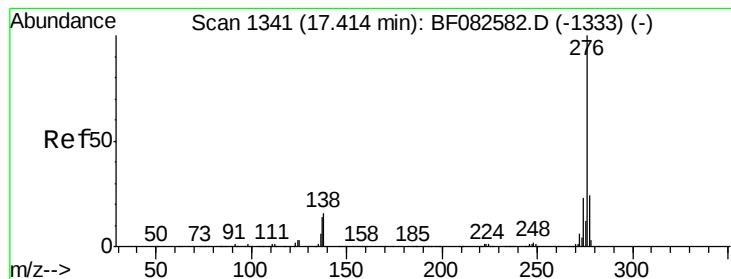
Tot Ion:252 Resp: 953762
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 5.7 7.1 10.7#



#90
Dibenzo(a,h)anthracene
Concen: 44.86 ng
RT: 16.95 min Scan# 1300
Delta R.T. -0.06 min
Lab File: BF082648.D
Acq: 2 Nov 2015 23:29

Tgt Ion:278 Resp: 864526
Ion Ratio Lower Upper
278 100
139 11.2 9.9 14.9
279 24.1 19.6 29.4





#91

Benzo(a,h,i)perylene

Concen: 43.10 ng

RT: 17.36 min Scan# 1336

Delta R.T. -0.06 min

Lab File: BF082648.D

Acq: 2 Nov 2015 23:29

Instrument :

BNA_F

ClientSampleId :

T-16CMSD

Tot Ion:276 Resp: 804956

Ion Ratio Lower Upper

276 100

277 23.1 19.2 28.8

138 14.6 13.1 19.7

