

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011216\
 Data File : BF084429.D
 Acq On : 13 Jan 2016 00:34
 Operator : SJ/UM
 Sample : G4988-09MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RX2MS

Quant Time: Jan 13 02:20:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	255558	20.00	ng	-0.06
21) Naphthalene-d8	8.13	136	990429	20.00	ng	-0.06
38) Acenaphthene-d10	9.88	164	450696	20.00	ng	-0.07
63) Phenanthrene-d10	11.37	188	799469	20.00	ng	-0.06
75) Chrysene-d12	14.01	240	505865	20.00	ng	-0.06
86) Perylene-d12	15.43	264	423881	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1074294	67.99	ng	-0.04
7) Phenol-d6	6.49	99	1077930	54.32	ng	-0.05
23) Nitrobenzene-d5	7.41	82	1625705	91.35	ng	-0.06
41) 2,4,6-Tribromophenol	10.68	330	534492	117.47	ng	-0.06
44) 2-Fluorobiphenyl	9.21	172	2310922	90.62	ng	-0.06
78) Terphenyl-d14	12.96	244	1960874	86.53	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	185012	24.72	ng	# 81
3) Pyridine	3.20	79	419556	20.11	ng	# 81
4) n-Nitrosodimethylamine	3.12	42	235495	21.99	ng	# 88
6) Aniline	6.50	93	831688	28.65	ng	# 81
8) 2-Chlorophenol	6.62	128	620250	34.60	ng	# 81
9) Benzaldehyde	6.38	77	201535	15.60	ng	99
10) Phenol	6.50	94	481033	21.32	ng	# 66
11) bis(2-Chloroethyl)ether	6.58	93	792653	45.35	ng	83
12) 1,3-Dichlorobenzene	6.78	146	833006	45.05	ng	99
13) 1,4-Dichlorobenzene	6.78	146	833006	44.92	ng	94
14) 1,2-Dichlorobenzene	7.01	146	742427	41.81	ng	98
15) Benzyl Alcohol	6.99	79	575325	34.47	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1329399	41.77	ng	86
17) 2-Methylphenol	7.10	107	445739	29.67	ng	94
18) Hexachloroethane	7.36	117	345733	46.62	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	616537	45.90	ng	# 78
20) 3+4-Methylphenols	7.26	107	511785	28.98	ng	# 77
22) Acetophenone	7.25	105	1119480	47.01	ng	98
24) Nitrobenzene	7.42	77	866062	47.98	ng	91
25) Isophorone	7.68	82	1673545	49.17	ng	95
26) 2-Nitrophenol	7.74	139	345872	42.10	ng	# 82
27) 2,4-Dimethylphenol	7.79	122	606603	36.48	ng	95
28) bis(2-Chloroethoxy)methane	7.89	93	1074077	51.67	ng	98
29) 2,4-Dichlorophenol	8.00	162	577481	41.69	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	702740	49.15	ng	95
31) Naphthalene	8.17	128	7823579	174.11	ng	# 89
32) Benzoic acid	7.87	122	54603	10.69	ng	# 64
33) 4-Chloroaniline	8.20	127	667373	32.40	ng	98
34) Hexachlorobutadiene	8.27	225	366454	44.58	ng	98
35) Caprolactam	8.57	113	57000	12.21	ng	# 33
36) 4-Chloro-3-methylphenol	8.69	107	591701	38.14	ng	89
37) 2-Methylnaphthalene	8.84	142	2657139	82.37	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	655930	50.62	ng	98
40) Hexachlorocyclopentadiene	9.00	237	641696	82.04	ng	98

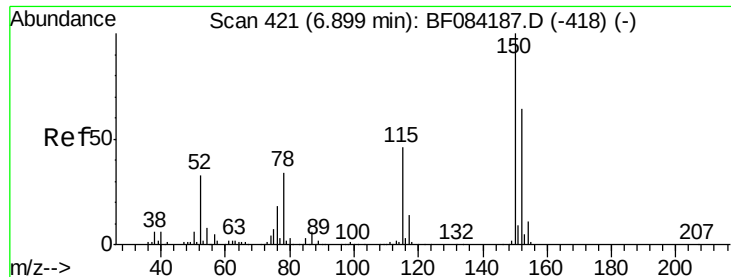
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011216\
 Data File : BF084429.D
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 Operator : SJ/UM
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Quant Time: Jan 13 02:20:23 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	395806	40.83	ng	93
43) 2,4,5-Trichlorophenol	9.16	196	409575	44.07	ng	# 83
45) 1,1'-Biphenyl	9.31	154	1919792	53.60	ng	100
46) 2-Chloronaphthalene	9.33	162	1367647	48.61	ng	94
47) 2-Nitroaniline	9.44	65	508633	54.77	ng	# 71
48) Acenaphthylene	9.74	152	2020227	48.60	ng	96
49) Dimethylphthalate	9.62	163	1722156	53.45	ng	# 90
50) 2,6-Dinitrotoluene	9.68	165	362475	51.29	ng	# 65
51) Acenaphthene	9.93	154	2331442	83.61	ng	98
52) 3-Nitroaniline	9.85	138	394193	45.02	ng	# 85
53) 2,4-Dinitrophenol	9.95	184	214799	71.74	ng	91
54) Dibenzofuran	10.10	168	2645136	75.24	ng	98
55) 4-Nitrophenol	10.02	139	242099	38.09	ng	87
56) 2,4-Dinitrotoluene	10.08	165	434226	48.55	ng	# 89
57) Fluorene	10.44	166	1912324	69.79	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	340548	42.92	ng	88
59) Diethylphthalate	10.32	149	1640000	51.62	ng	96
60) 4-Chlorophenyl-phenylether	10.43	204	663000	58.67	ng	96
61) 4-Nitroaniline	10.45	138	367847	47.13	ng	88
62) Azobenzene	10.59	77	1785775	51.25	ng	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	176488	36.20	ng	80
65) n-Nitrosodiphenylamine	10.54	169	1227183	48.01	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	451775	52.50	ng	97
67) Hexachlorobenzene	10.98	284	438279	45.25	ng	# 86
68) Atrazine	11.08	200	456716	54.60	ng	98
69) Pentachlorophenol	11.18	266	356667	71.02	ng	99
70) Phenanthrene	11.40	178	2873476	68.71	ng	96
71) Anthracene	11.45	178	2122294	51.77	ng	96
72) Carbazole	11.61	167	2083534	51.99	ng	97
73) Di-n-butylphthalate	11.94	149	2289020	57.56	ng	# 96
74) Fluoranthene	12.58	202	1912744	43.78	ng	97
76) Benzidine	12.71	184	643585	35.48	ng	99
77) Pyrene	12.81	202	1924275	48.47	ng	97
79) Butylbenzylphthalate	13.44	149	848775	49.41	ng	# 89
80) Benzo(a)anthracene	14.00	228	1357613	45.71	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	415314	40.06	ng	# 97
82) Chrysene	14.03	228	1300361	45.56	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	952936	43.91	ng	# 94
84) Di-n-octyl phthalate	14.60	149	1513691	41.31	ng	# 88
85) Indeno(1,2,3-cd)pyrene	16.82	276	1519814	67.17	ng	96
87) Benzo(h)fluoranthene	15.05	252	2450283	88.37	ng	# 94
88) Benzo(k)fluoranthene	15.05	252	2450283	108.05	ng	98
89) Benzo(a)pyrene	15.37	252	1193988	50.77	ng	# 94
90) Dibenzo(a,h)anthracene	16.84	278	1251839	61.86	ng	97
91) Benzo(g,h,i)perylene	17.24	276	1360386	64.91	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.06 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

Instrument :

BNA_F

ClientSampleId :

RX2MS

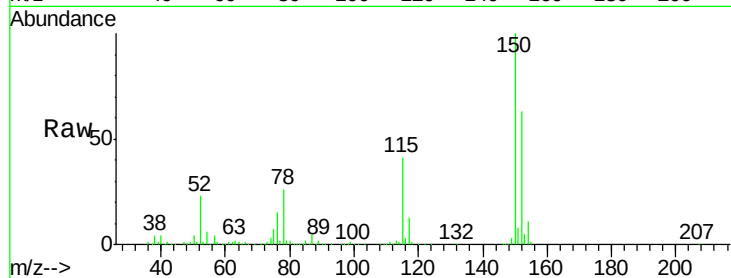
Tgt Ion:152 Resp: 255558

Ion Ratio Lower Upper

152 100

150 159.1 123.0 184.4

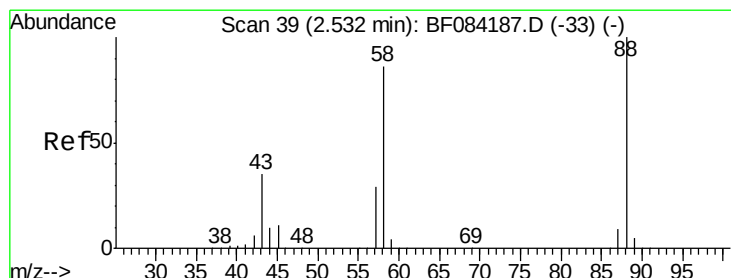
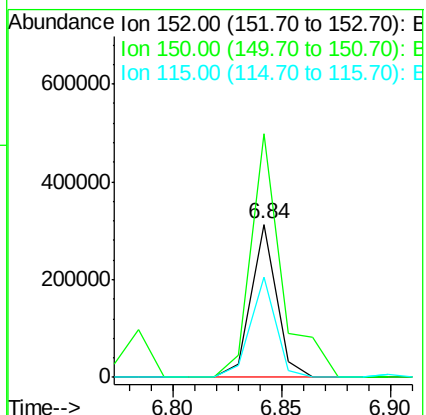
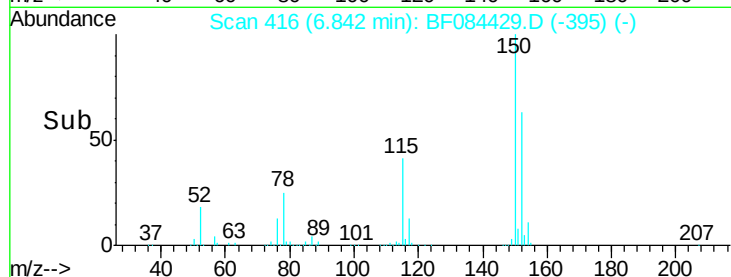
115 65.6 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 24.72 ng

RT: 2.46 min Scan# 33

Delta R.T. -0.07 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

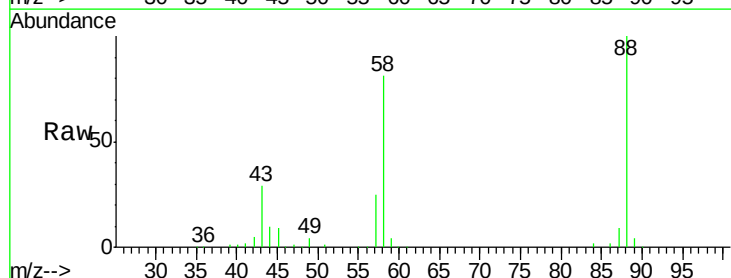
Tgt Ion: 88 Resp: 185012

Ion Ratio Lower Upper

88 100

58 82.2 51.2 76.8#

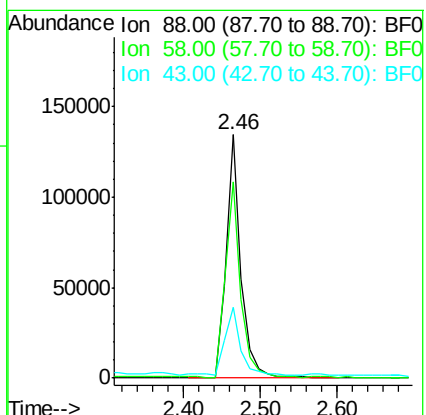
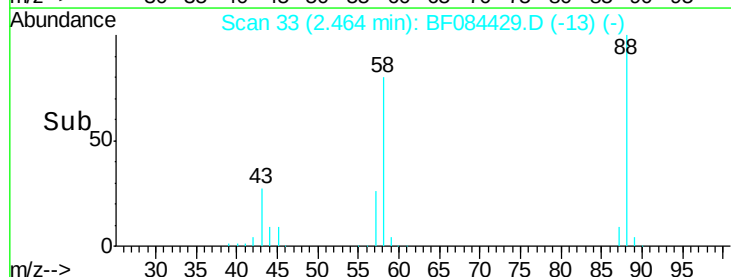
43 28.9 19.5 29.3

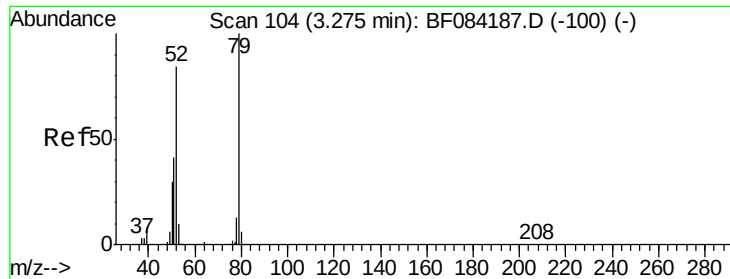


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 20.11 ng

RT: 3.20 min Scan# 97

Delta R.T. -0.08 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

Instrument :

BNA_F

ClientSampleId :

RX2MS

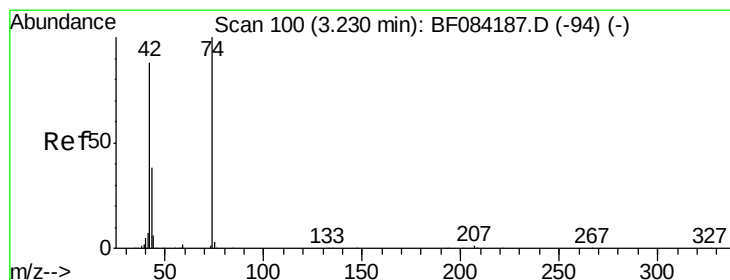
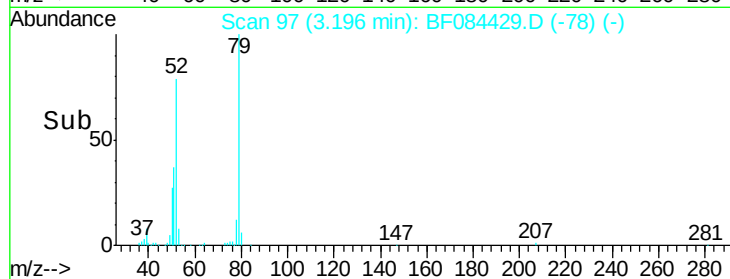
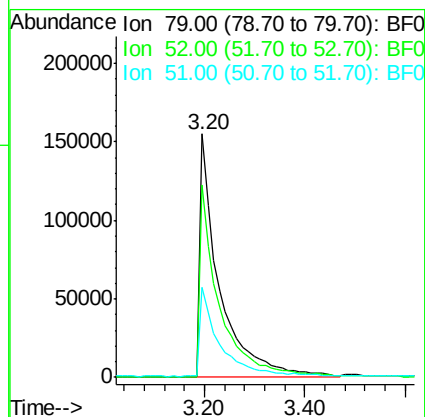
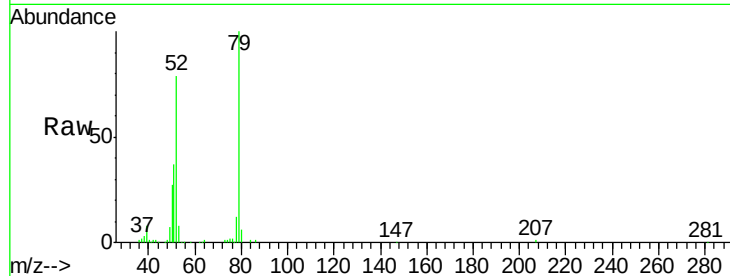
Tgt Ion: 79 Resp: 419556

Ion Ratio Lower Upper

79 100

52 79.1 49.0 73.4#

51 37.1 25.2 37.8



#4

n-Nitrosodimethylamine

Concen: 21.99 ng

RT: 3.12 min Scan# 90

Delta R.T. -0.11 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

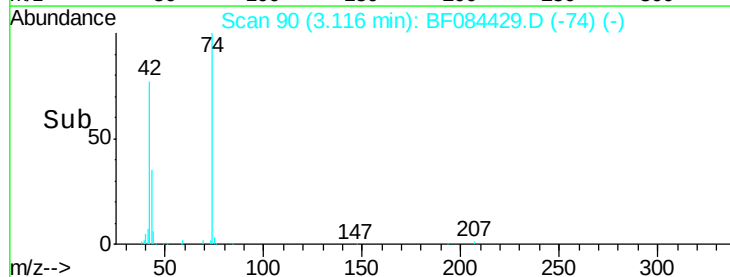
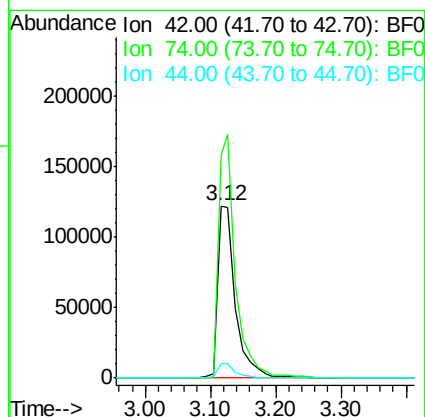
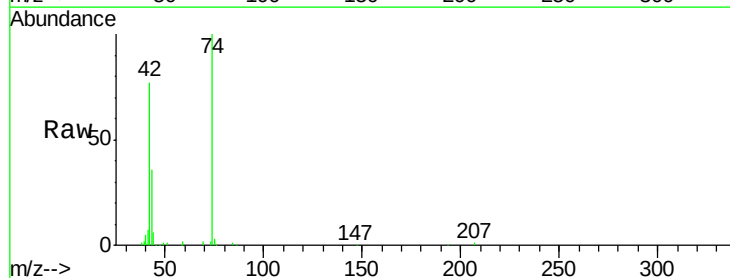
Tgt Ion: 42 Resp: 235495

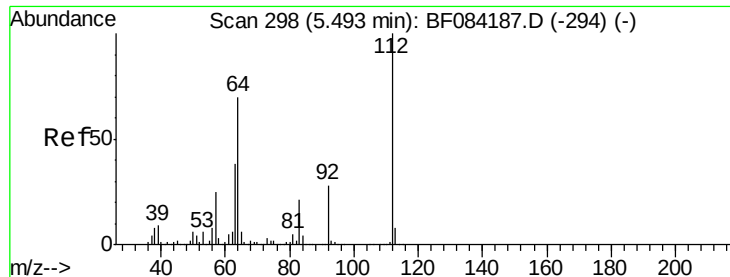
Ion Ratio Lower Upper

42 100

74 129.4 115.7 173.5

44 8.1 5.1 7.7#





#5

2-Fluorophenol

Concen: 67.99 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.04 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

Instrument :

BNA_F

ClientSampleId :

RX2MS

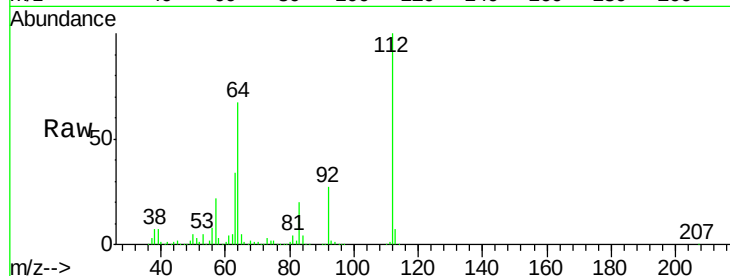
Tgt Ion: 112 Resp: 1074294

Ion Ratio Lower Upper

112 100

64 67.2 36.6 55.0#

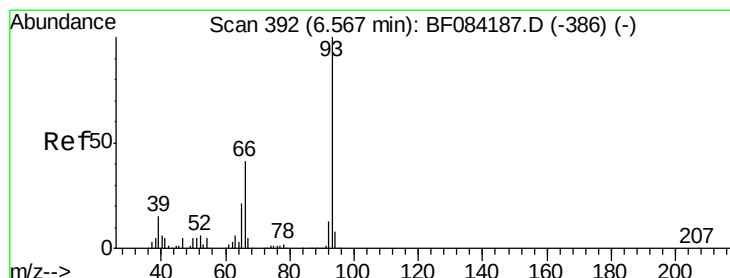
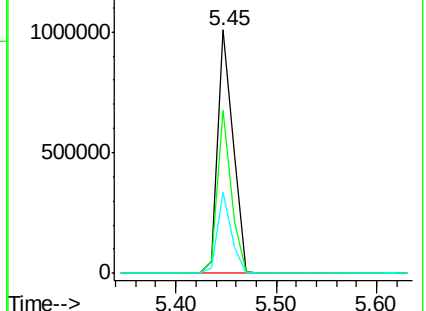
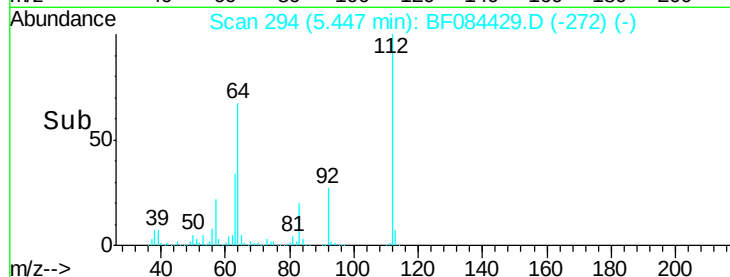
63 33.5 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.65 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.07 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

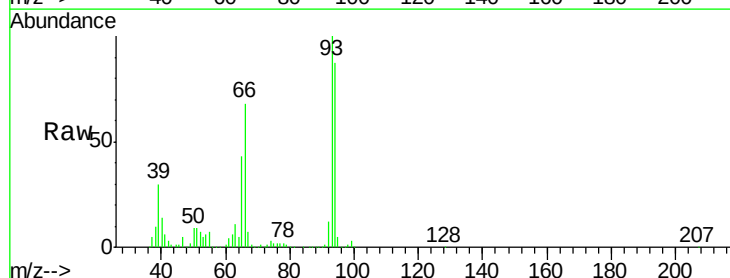
Tgt Ion: 93 Resp: 831688

Ion Ratio Lower Upper

93 100

66 68.2 44.9 67.3#

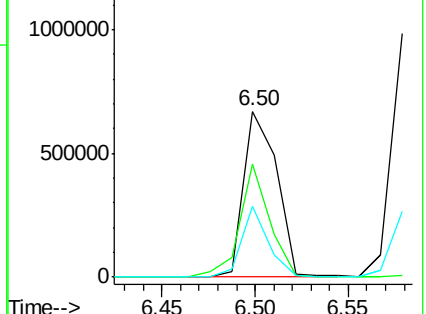
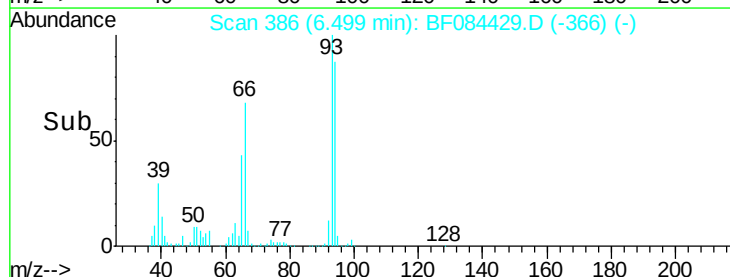
65 42.9 23.7 35.5#

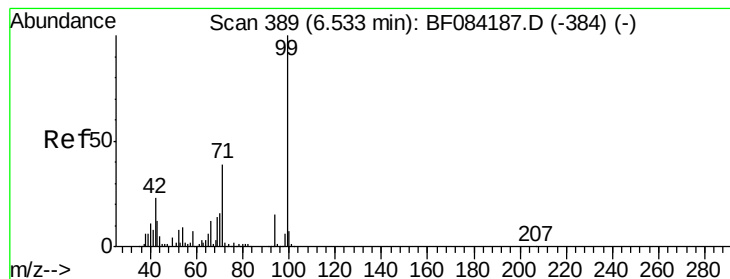


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 54.32 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.05 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

Instrument :

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ClientSampleId :

RX2MS

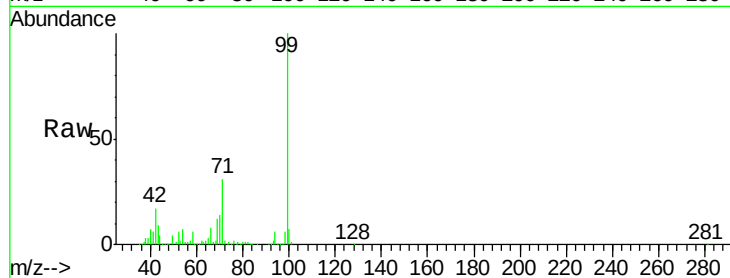
Tgt Ion: 99 Resp: 1077930

Ion Ratio Lower Upper

99 100

42 16.7 12.8 19.2

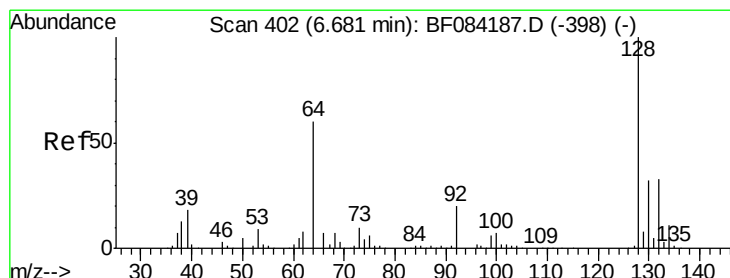
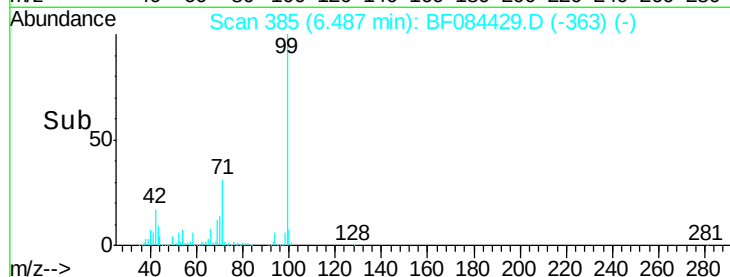
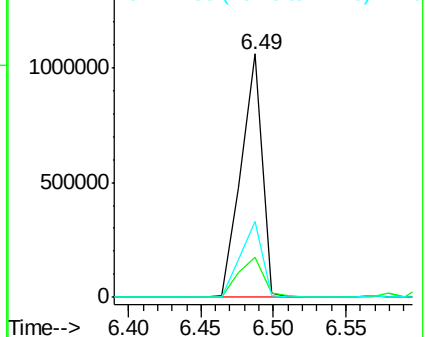
71 31.4 30.9 46.3



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: 34.60 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.06 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

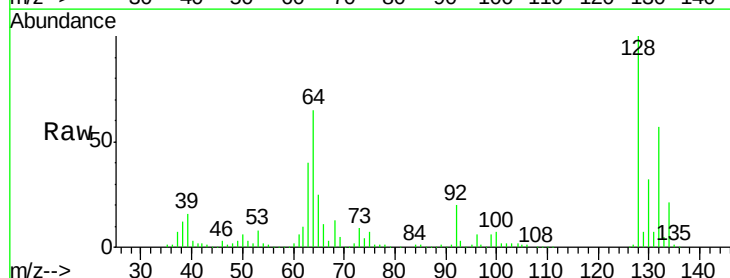
Tgt Ion: 128 Resp: 620250

Ion Ratio Lower Upper

128 100

130 31.8 11.6 51.6

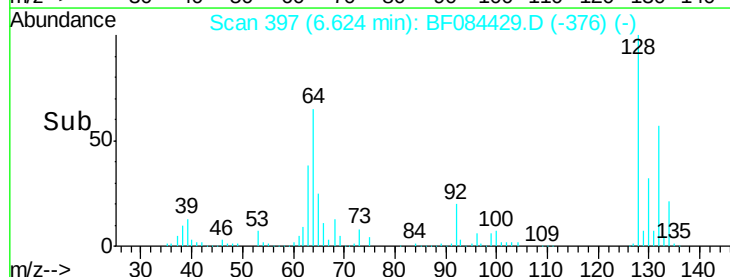
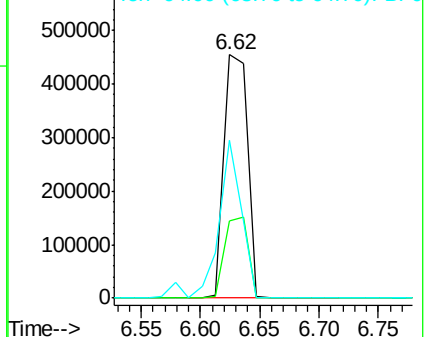
64 64.7 23.8 63.8#

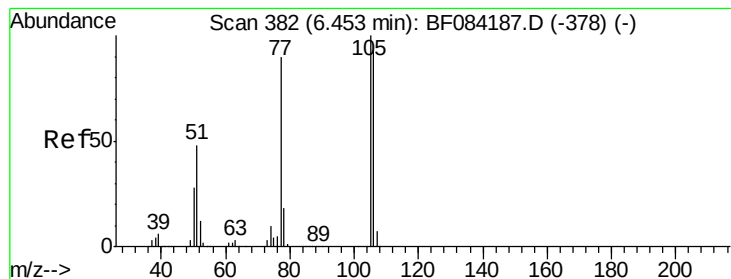


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.60 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.07 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

Instrument :

BNA_F

ClientSampleId :

RX2MS

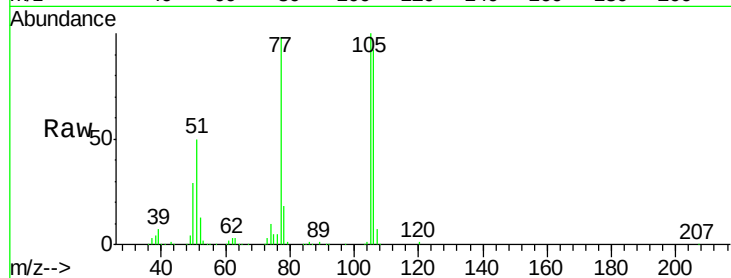
Tgt Ion: 77 Resp: 201535

Ion Ratio Lower Upper

77 100

105 101.6 83.0 123.0

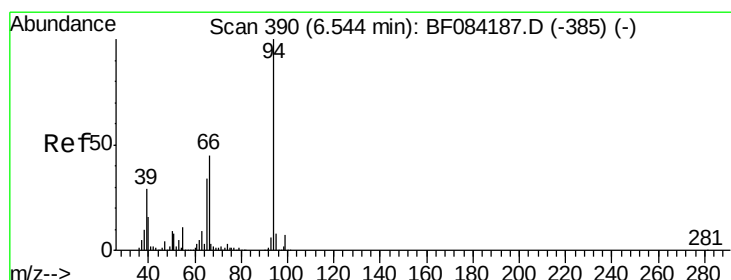
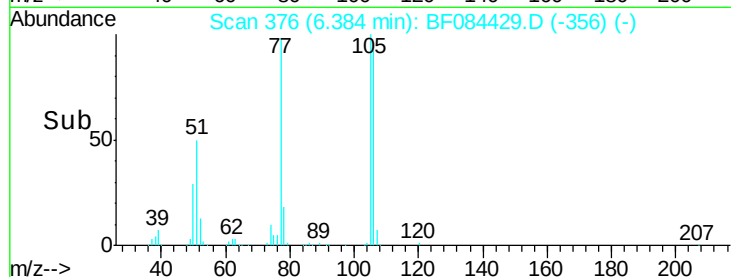
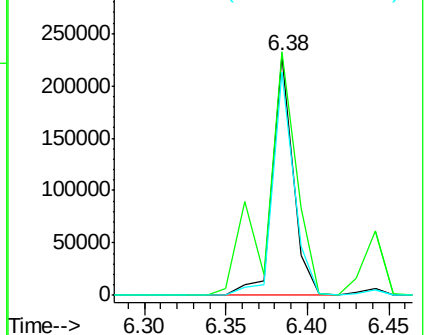
106 93.3 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 21.32 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.05 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

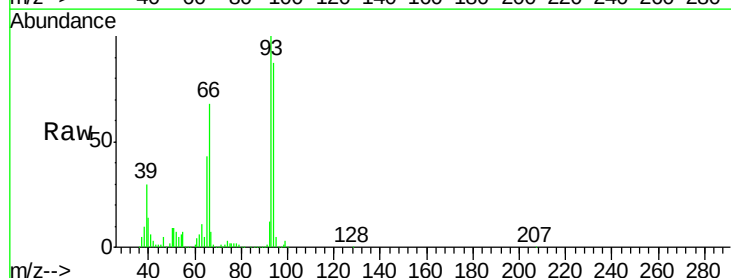
Tgt Ion: 94 Resp: 481033

Ion Ratio Lower Upper

94 100

65 49.4 12.9 52.9

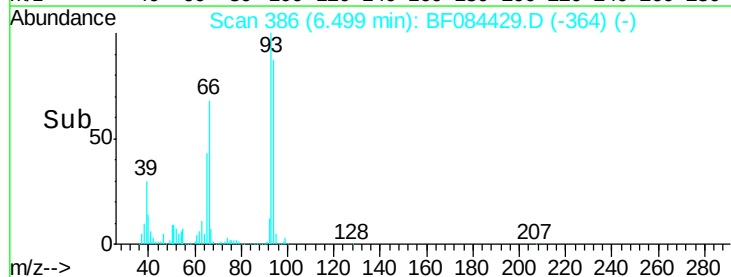
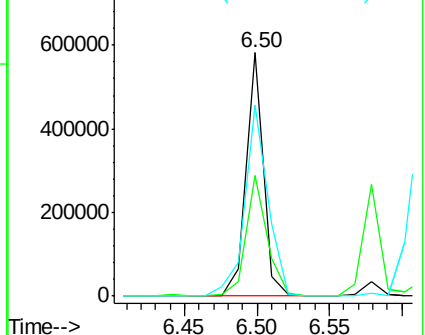
66 78.6 32.7 72.7#

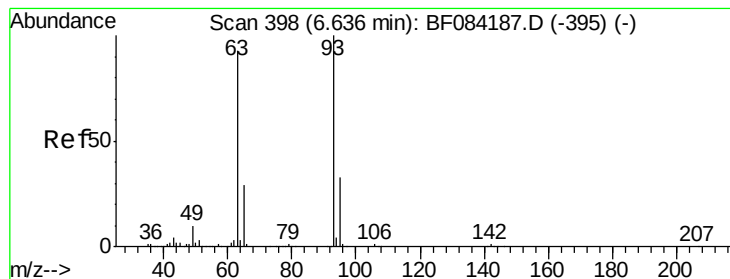


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 45.35 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.06 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

Instrument :

BNA_F

ClientSampleId :

RX2MS

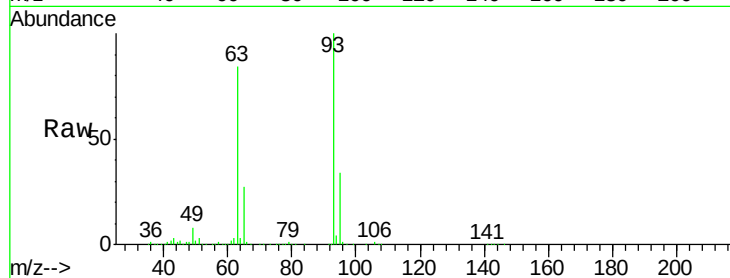
Tgt Ion: 93 Resp: 792653

Ion Ratio Lower Upper

93 100

63 84.5 45.9 85.9

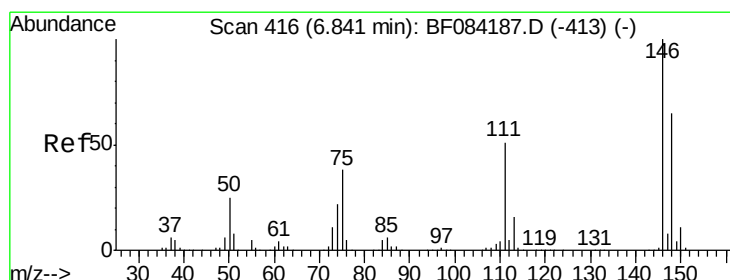
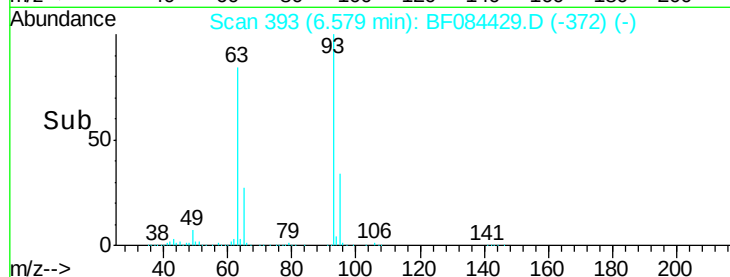
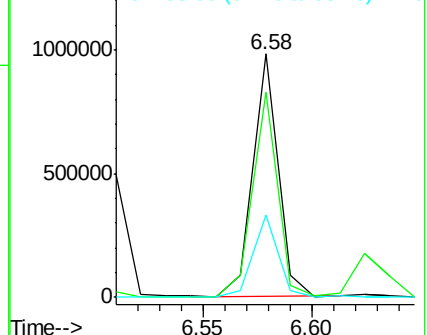
95 33.9 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 45.05 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.06 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

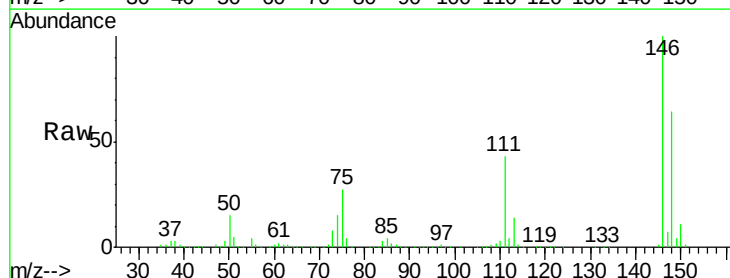
Tgt Ion: 146 Resp: 833006

Ion Ratio Lower Upper

146 100

148 64.1 51.9 77.9

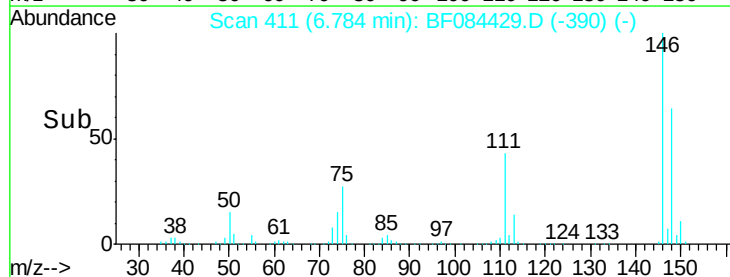
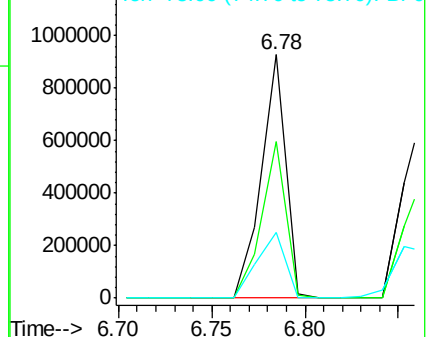
75 26.9 20.5 30.7

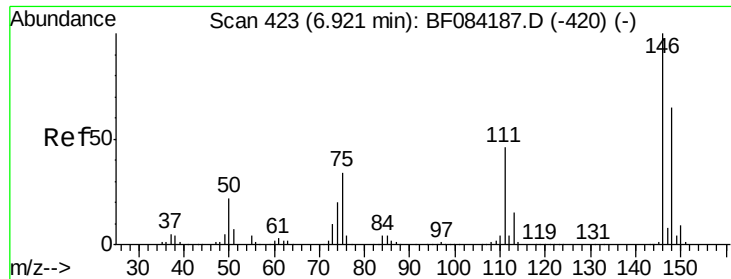


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

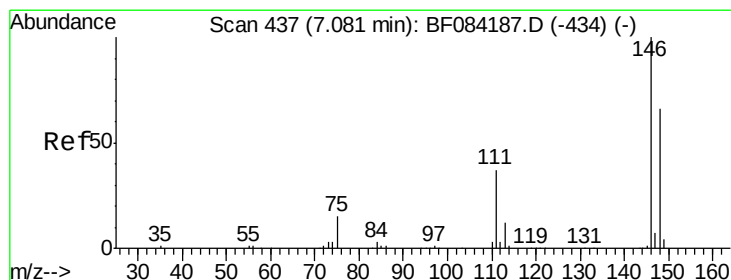
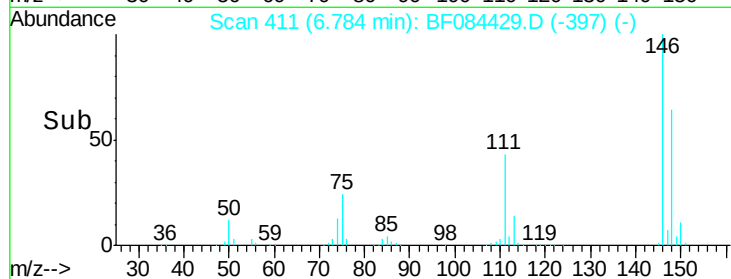
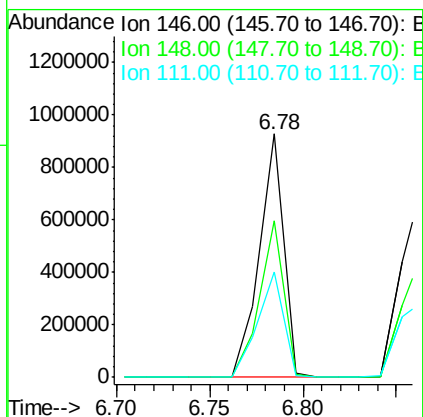
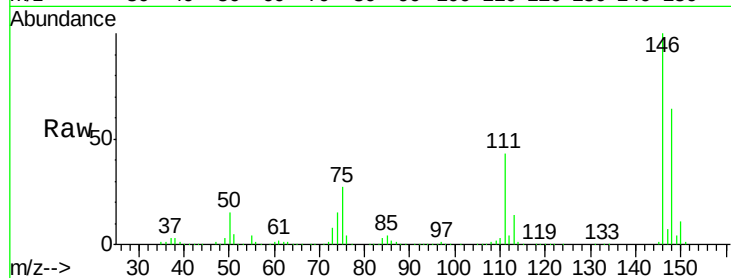




#13
 1,4-Dichlorobenzene
 Concen: 44.92 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.14 min
 Lab File: BF084429.D
 Acq: 13 Jan 2016 00:34

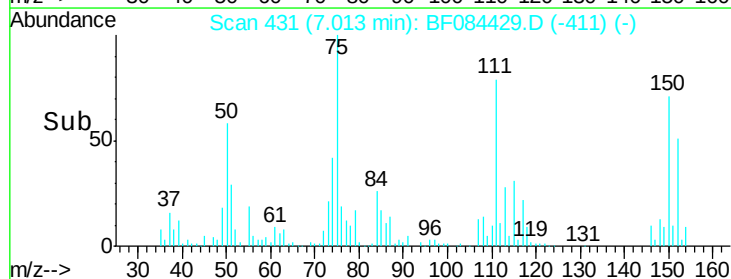
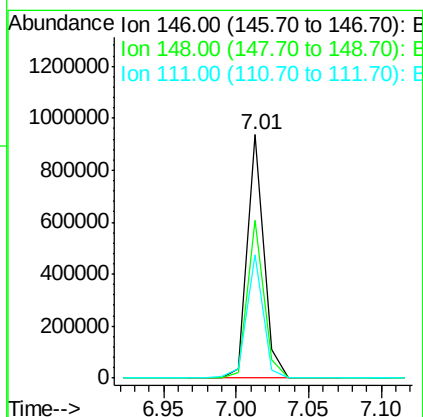
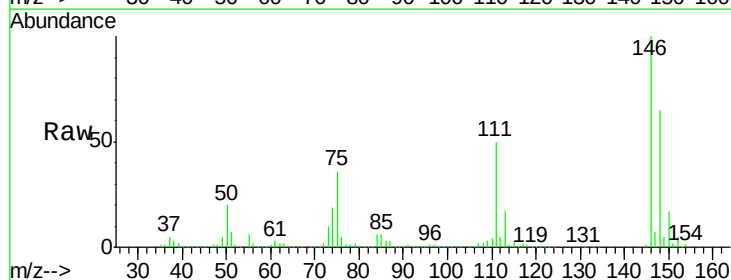
Instrument :
 BNA_F
 ClientSampleId :
 RX2MS

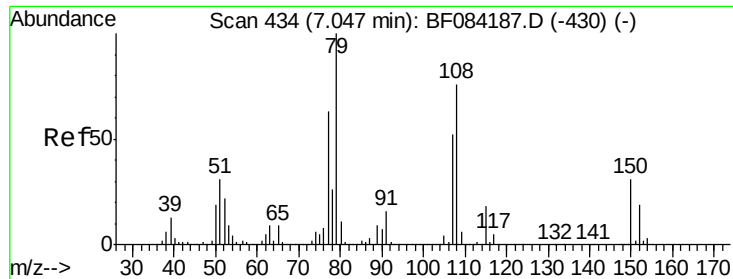
Tgt Ion:146 Resp: 833006
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.9 77.9
 111 43.4 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 41.81 ng
 RT: 7.01 min Scan# 431
 Delta R.T. -0.07 min
 Lab File: BF084429.D
 Acq: 13 Jan 2016 00:34

Tgt Ion:146 Resp: 742427
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.6 77.4
 111 50.5 38.0 57.0





#15

Benzyl Alcohol

Concen: 34.47 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.06 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

Instrument :

BNA_F

ClientSampleId :

RX2MS

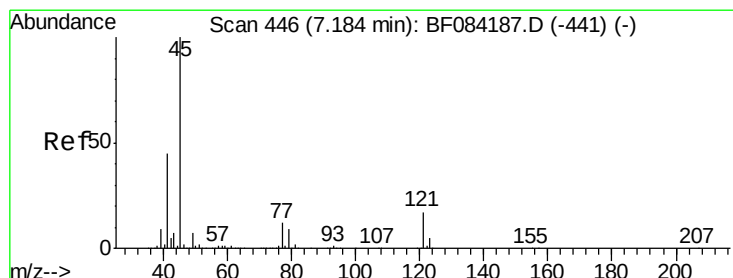
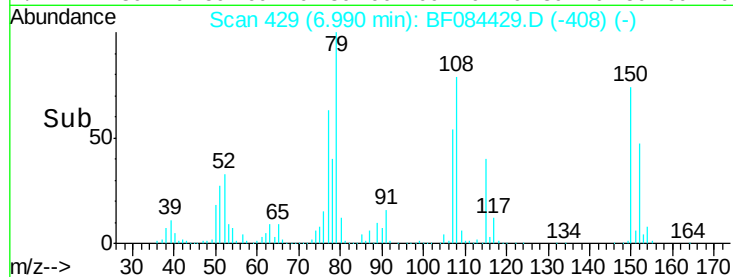
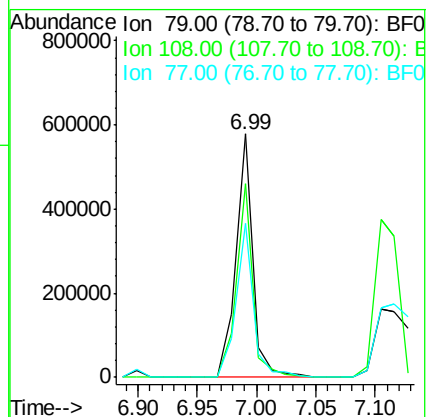
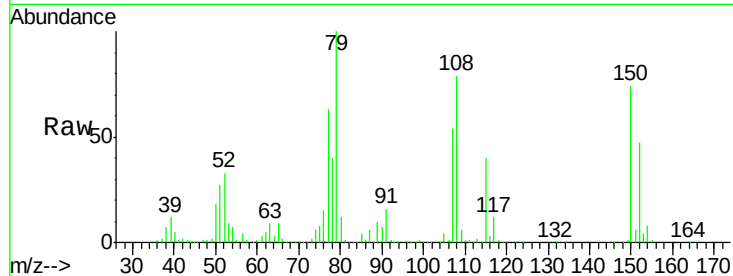
Tgt Ion: 79 Resp: 575325

Ion Ratio Lower Upper

79 100

108 79.4 69.0 103.4

77 63.0 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.77 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.06 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

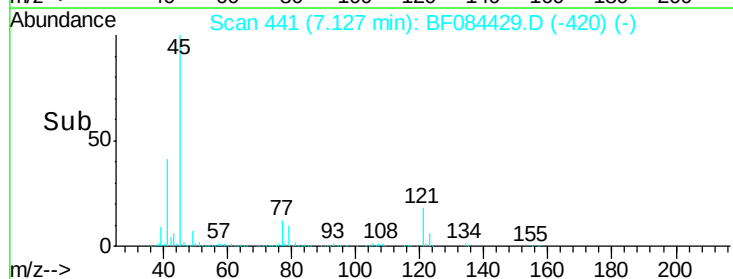
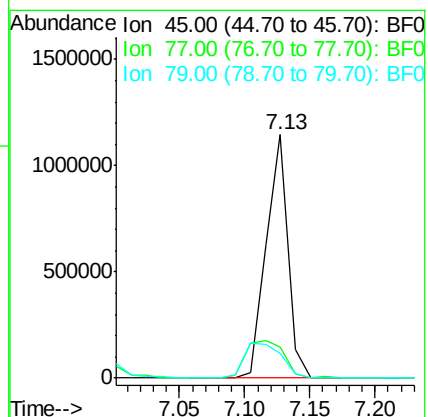
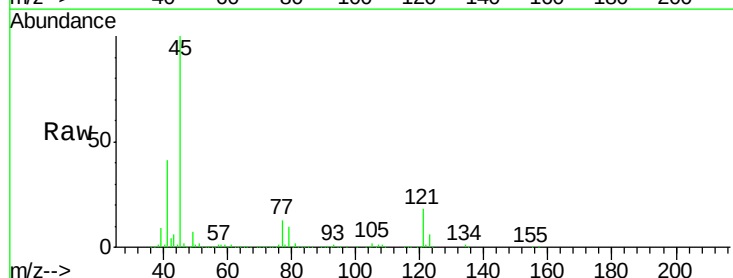
Tgt Ion: 45 Resp: 1329399

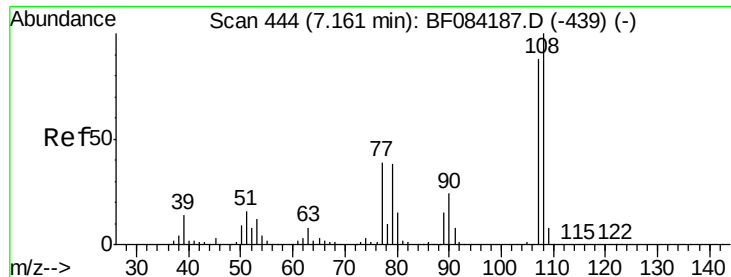
Ion Ratio Lower Upper

45 100

77 12.6 0.0 39.6

79 10.2 0.0 35.0

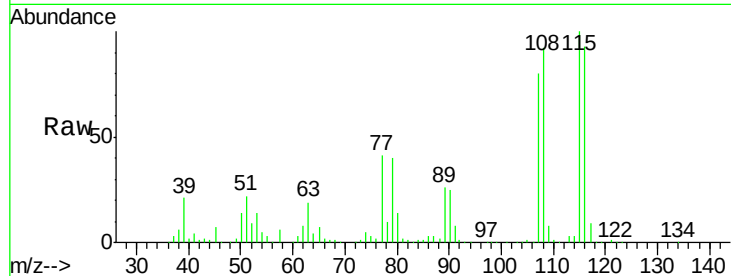




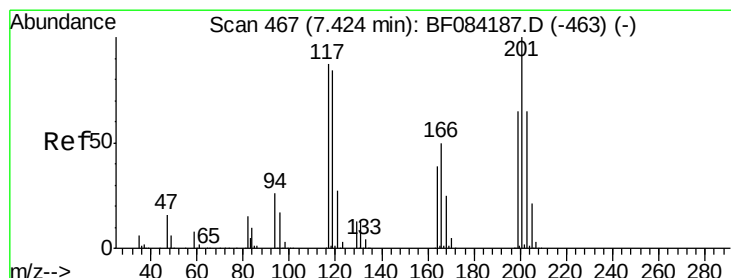
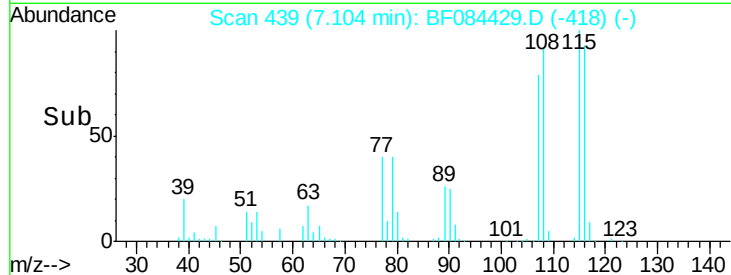
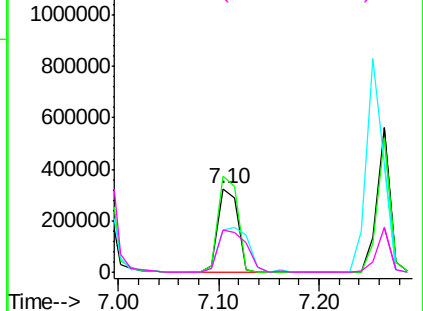
#17
2-Methylphenol
Concen: 29.67 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.06 min
Lab File: BF084429.D
Acq: 13 Jan 2016 00:34

Instrument :
BNA_F
ClientSampleId :
RX2MS

Tgt Ion:107 Resp: 445739
Ion Ratio Lower Upper
107 100
108 116.0 89.8 134.6
77 51.2 35.7 53.5
79 50.2 35.7 53.5

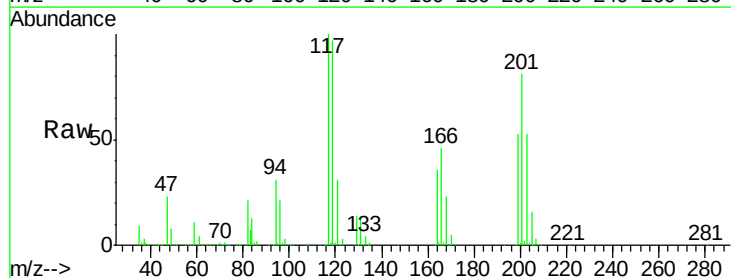


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

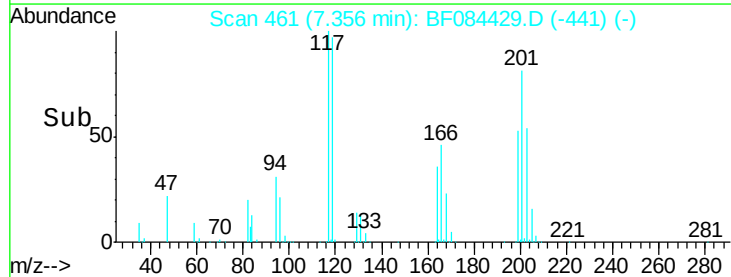
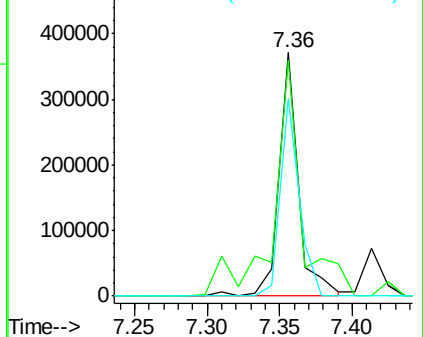


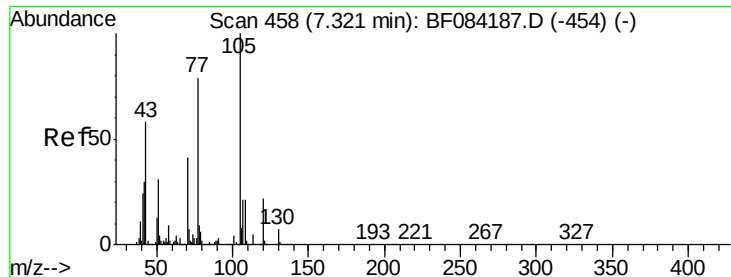
#18
Hexachloroethane
Concen: 46.62 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.07 min
Lab File: BF084429.D
Acq: 13 Jan 2016 00:34

Tgt Ion:117 Resp: 345733
Ion Ratio Lower Upper
117 100
119 97.1 77.4 116.0
201 80.9 68.6 103.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

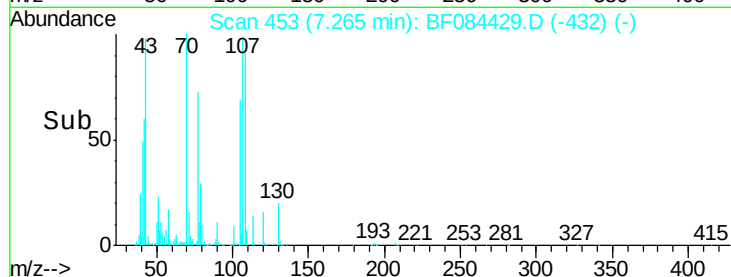
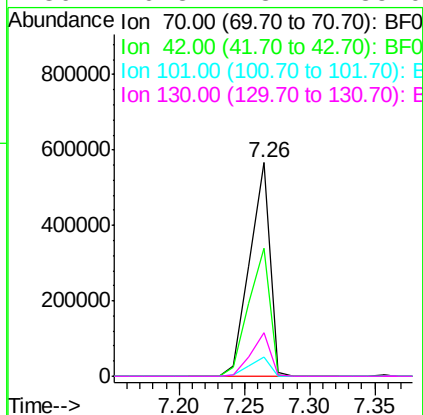
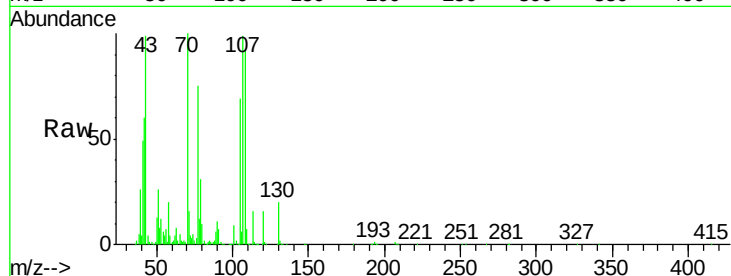




#19
n-Nitroso-di-n-propylamine
Concen: 45.90 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.06 min
Lab File: BF084429.D
Acq: 13 Jan 2016 00:34

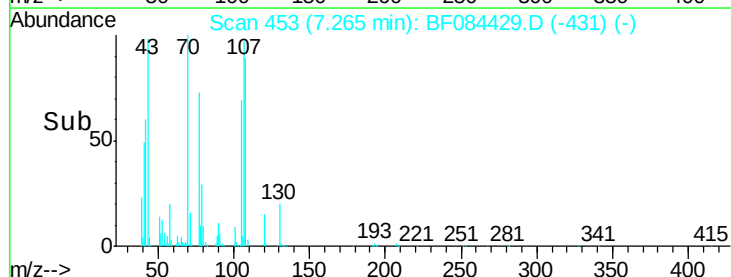
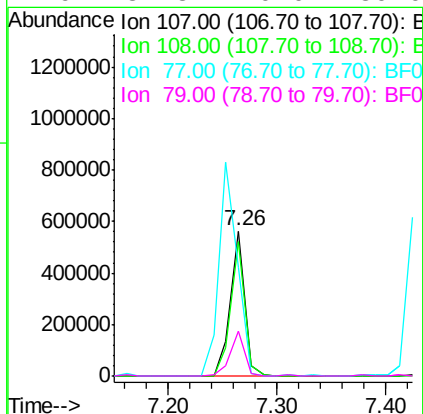
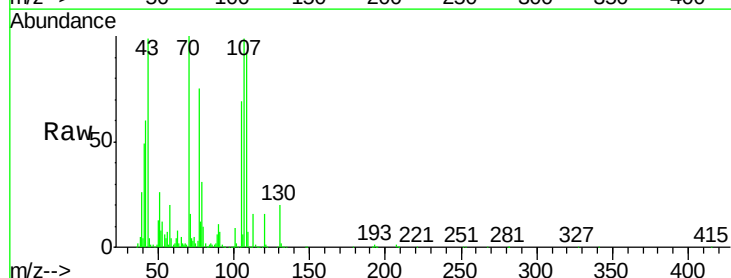
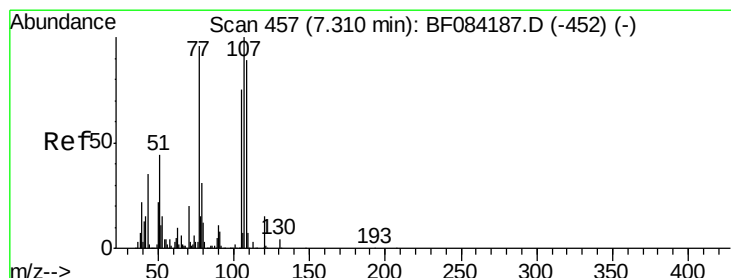
Instrument :
BNA_F
ClientSampleId :
RX2MS

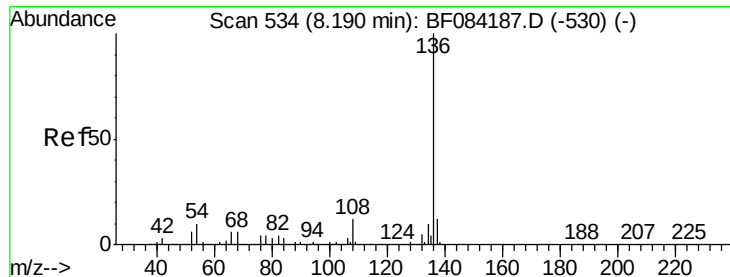
Tgt Ion: 70 Resp: 616537
Ion Ratio Lower Upper
70 100
42 59.9 33.3 49.9#
101 8.9 9.3 13.9#
130 20.3 23.4 35.0#



#20
3+4-Methylphenols
Concen: 28.98 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.05 min
Lab File: BF084429.D
Acq: 13 Jan 2016 00:34

Tgt Ion:107 Resp: 511785
Ion Ratio Lower Upper
107 100
108 92.9 74.6 114.6
77 75.3 0.7 40.7#
79 31.3 0.0 39.0

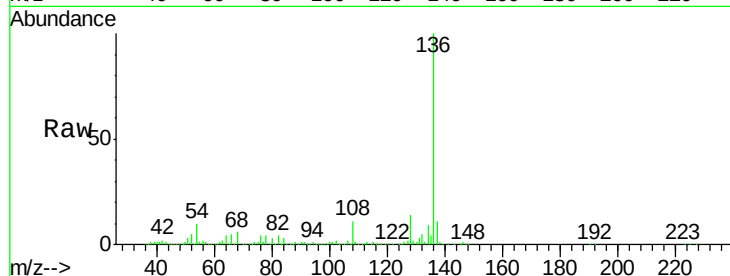




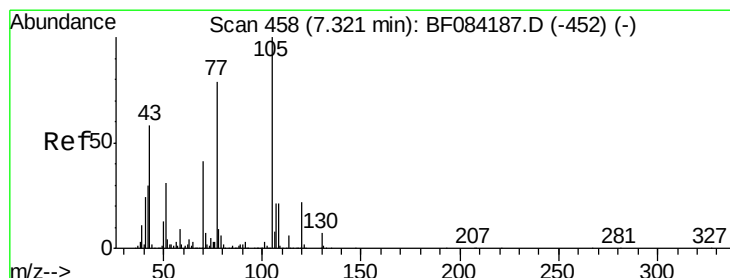
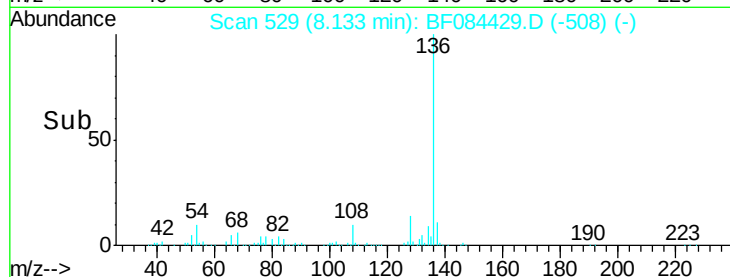
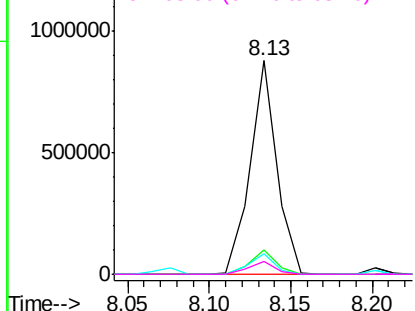
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.06 min
Lab File: BF084429.D
Acq: 13 Jan 2016 00:34

Instrument :
BNA_F
ClientSampleId :
RX2MS

Tgt Ion:	136	Resp:	990429
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	9.5	5.8	8.8#
68	6.2	4.2	6.2

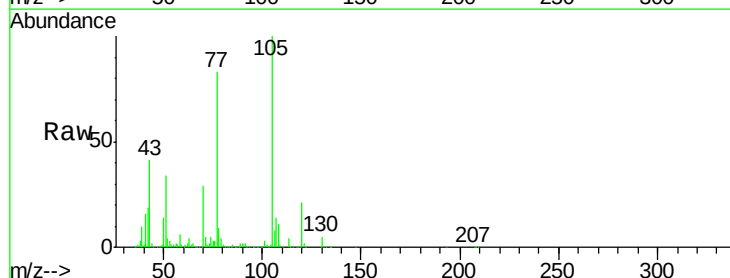


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

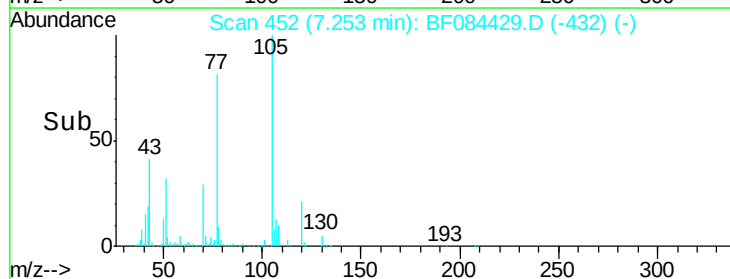
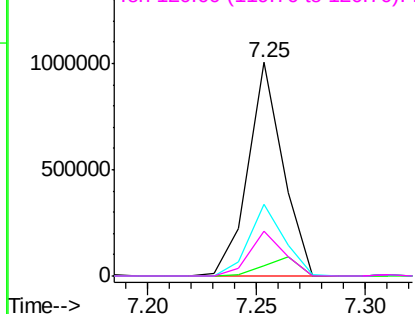


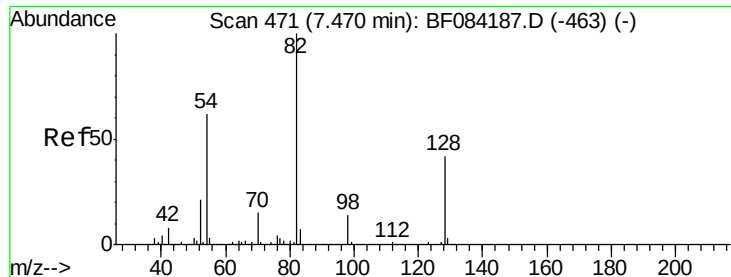
#22
Acetophenone
Concen: 47.01 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.07 min
Lab File: BF084429.D
Acq: 13 Jan 2016 00:34

Tgt Ion:	105	Resp:	1119480
Ion	Ratio	Lower	Upper
105	100		
71	4.8	3.7	5.5
51	33.5	25.1	37.7
120	21.0	16.6	25.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

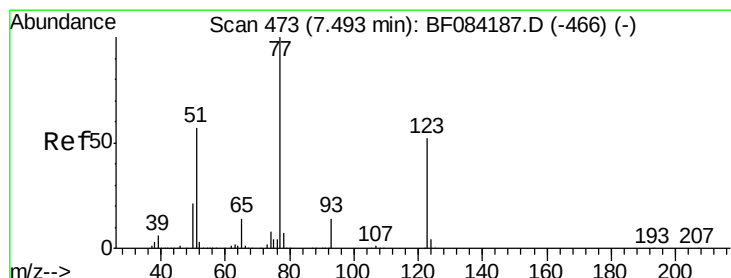
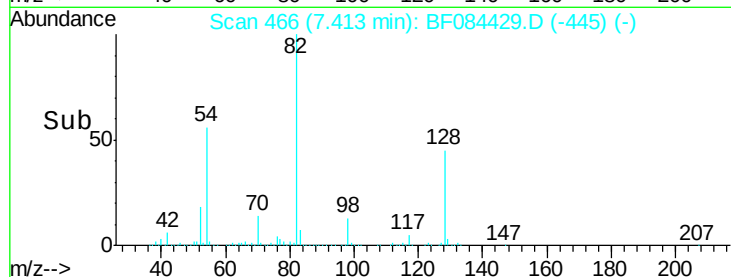
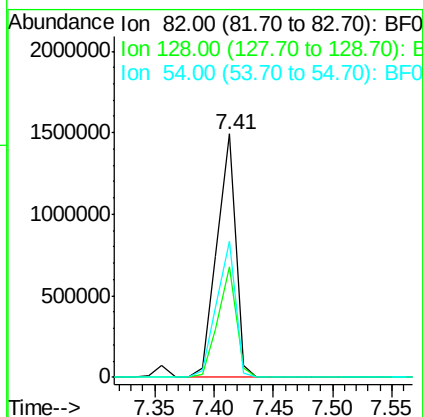
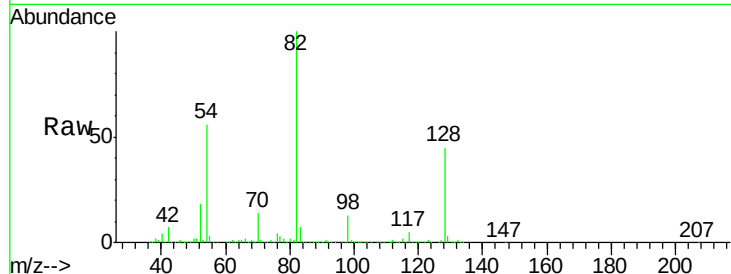




#23
 Nitrobenzene-d5
 Concen: 91.35 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.06 min
 Lab File: BF084429.D
 Acq: 13 Jan 2016 00:34

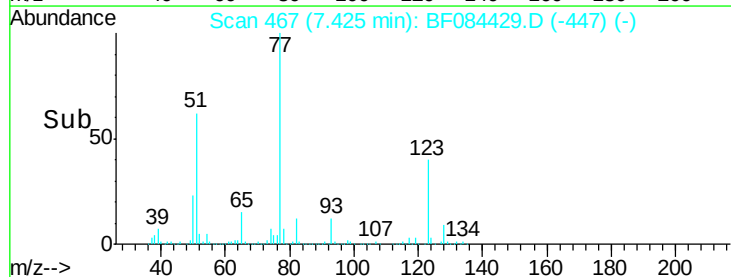
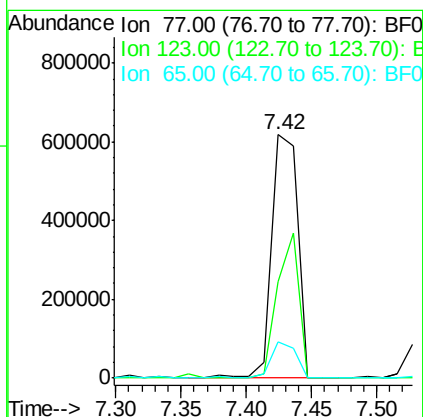
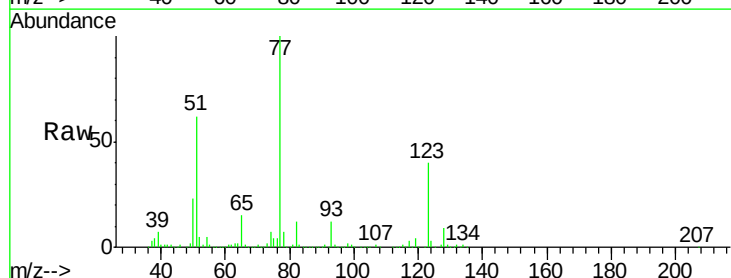
Instrument :
 BNA_F
 ClientSampleId :
 RX2MS

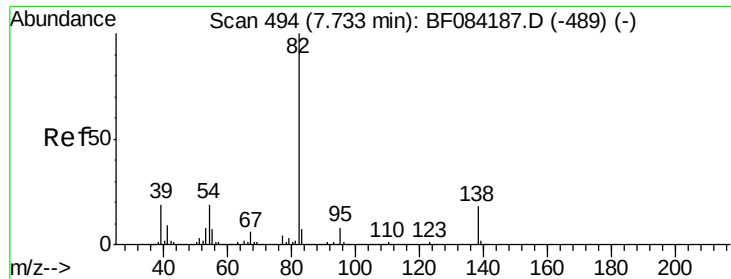
Tgt Ion: 82 Resp: 1625705
 Ion Ratio Lower Upper
 82 100
 128 45.2 34.6 51.8
 54 55.7 38.4 57.6



#24
 Nitrobenzene
 Concen: 47.98 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.07 min
 Lab File: BF084429.D
 Acq: 13 Jan 2016 00:34

Tgt Ion: 77 Resp: 866062
 Ion Ratio Lower Upper
 77 100
 123 39.7 37.4 56.2
 65 15.0 10.9 16.3





#25

Isophorone

Concen: 49.17 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.06 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

Instrument :

BNA_F

ClientSampleId :

RX2MS

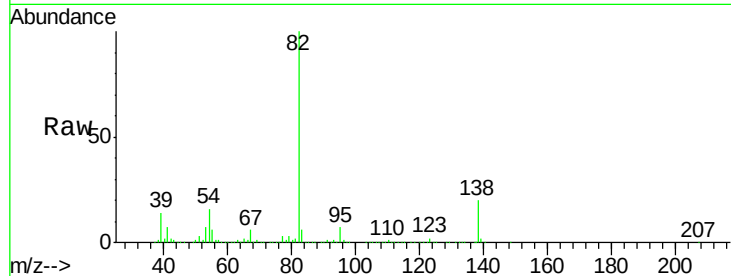
Tgt Ion: 82 Resp: 1673545

Ion Ratio Lower Upper

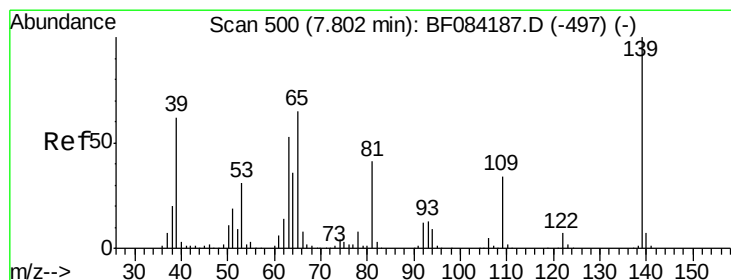
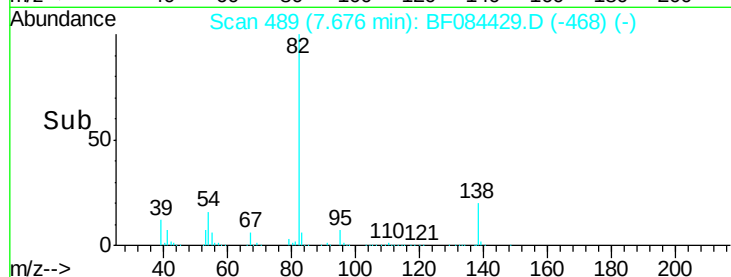
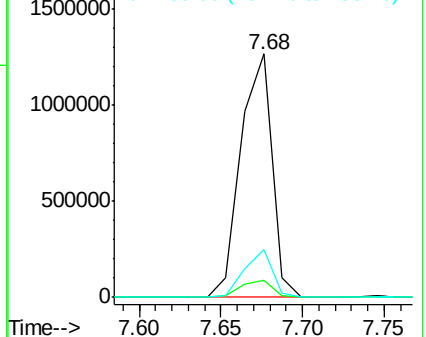
82 100

95 7.1 6.6 10.0

138 19.7 13.6 20.4



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: 42.10 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.06 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

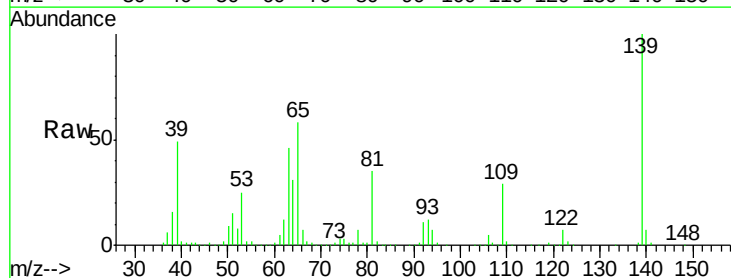
Tgt Ion: 139 Resp: 345872

Ion Ratio Lower Upper

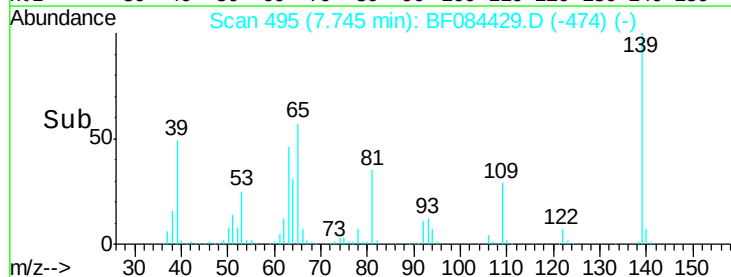
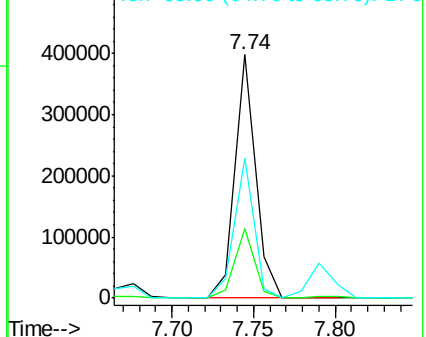
139 100

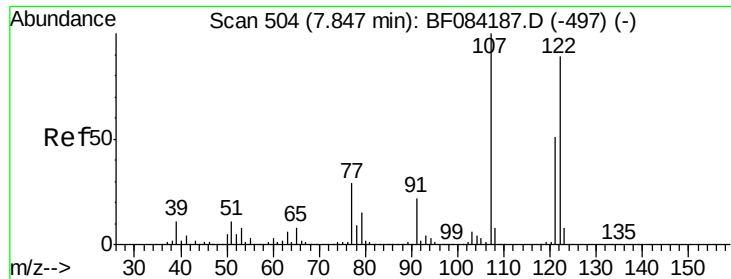
109 28.6 25.4 38.2

65 57.5 32.3 48.5#



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

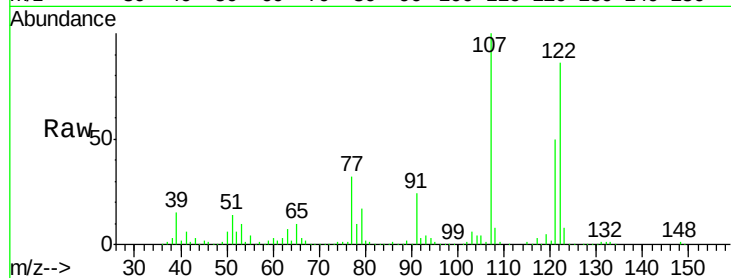




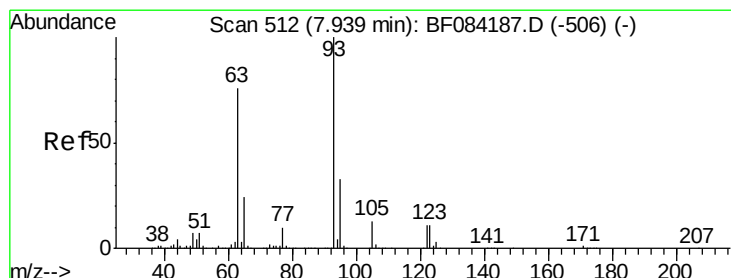
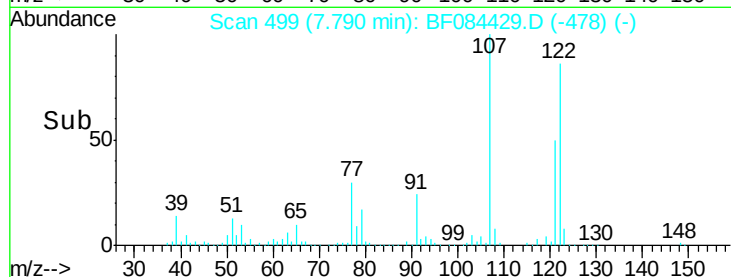
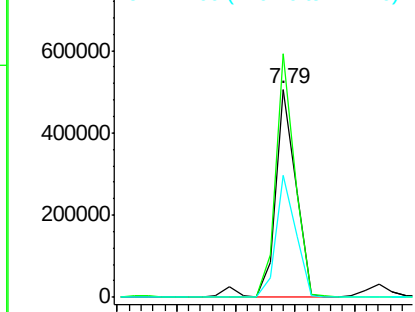
#27
 2,4-Dimethylphenol
 Concen: 36.48 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.06 min
 Lab File: BF084429.D
 Acq: 13 Jan 2016 00:34

Instrument :
 BNA_F
 ClientSampleId :
 RX2MS

Tgt Ion:122 Resp: 606603
 Ion Ratio Lower Upper
 122 100
 107 116.9 99.1 148.7
 121 58.7 47.9 71.9

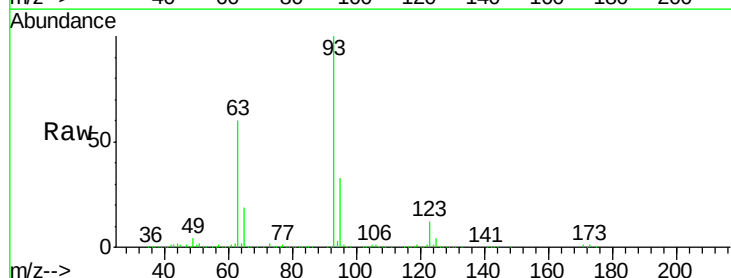


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

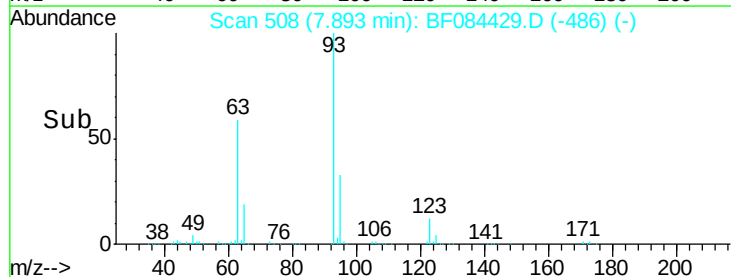
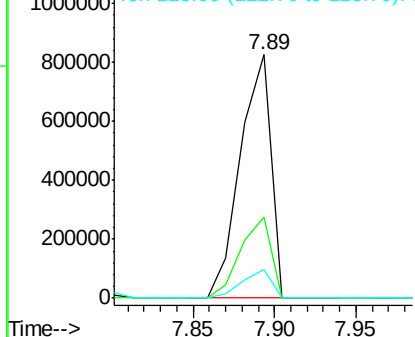


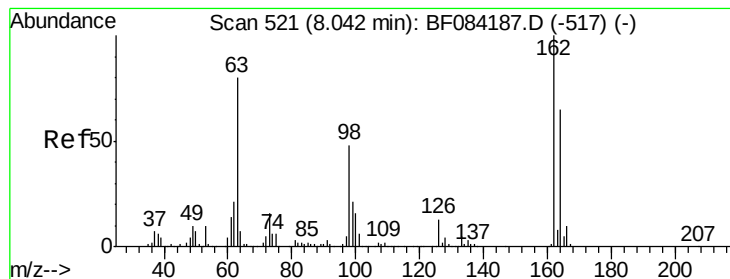
#28
 bis(2-Chloroethoxy)methane
 Concen: 51.67 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.05 min
 Lab File: BF084429.D
 Acq: 13 Jan 2016 00:34

Tgt Ion: 93 Resp: 1074077
 Ion Ratio Lower Upper
 93 100
 95 33.4 25.8 38.6
 123 11.9 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.69 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.05 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

Instrument :

BNA_F

ClientSampleId :

RX2MS

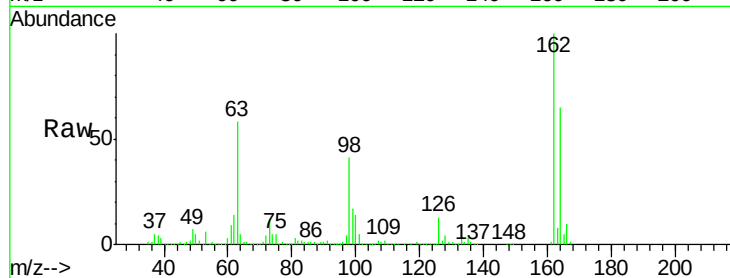
Tgt Ion:162 Resp: 577481

Ion Ratio Lower Upper

162 100

164 65.0 44.1 84.1

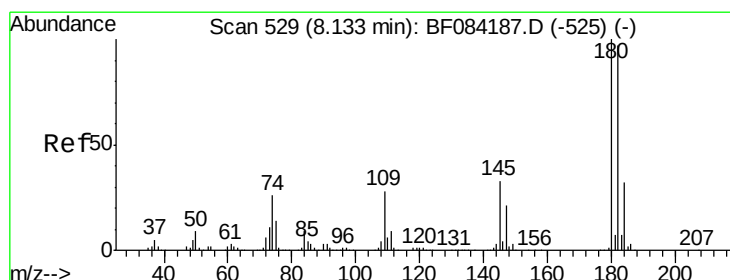
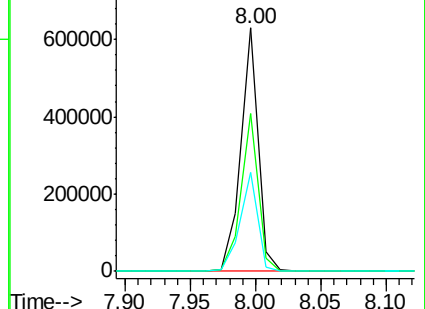
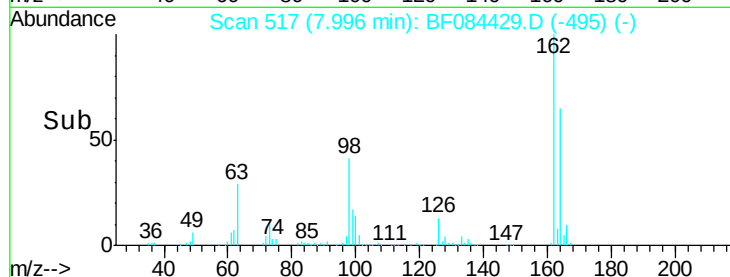
98 40.6 20.2 60.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 49.15 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.06 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

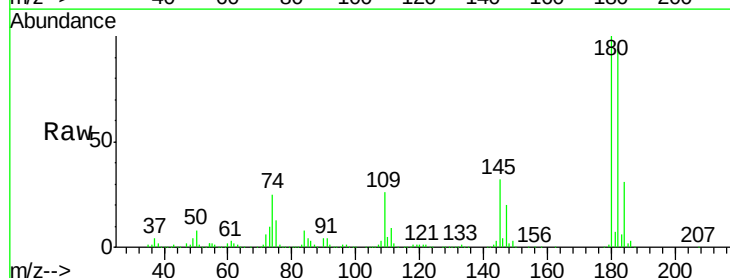
Tgt Ion:180 Resp: 702740

Ion Ratio Lower Upper

180 100

182 94.2 76.4 114.6

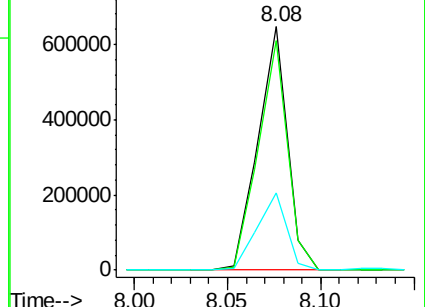
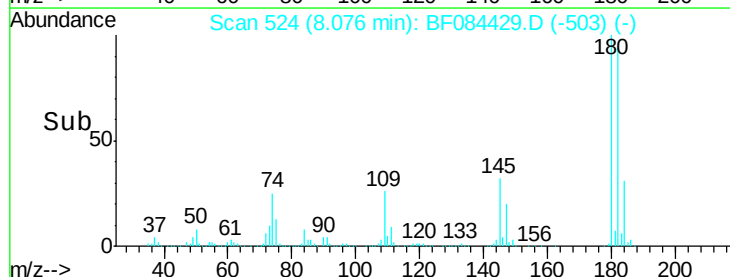
145 31.6 31.6 47.4

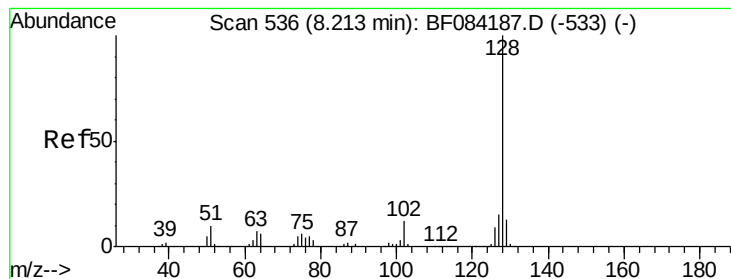


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 174.11 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.05 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

Instrument :

BNA_F

ClientSampleId :

RX2MS

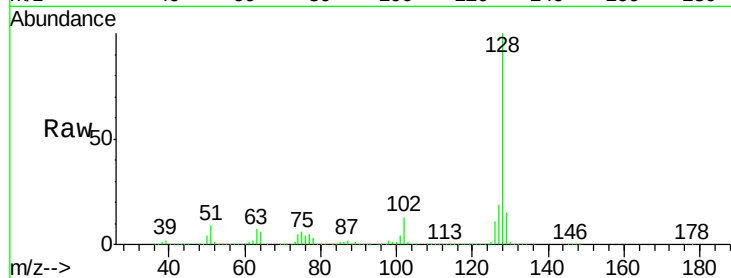
Tgt Ion:128 Resp: 7823579

Ion Ratio Lower Upper

128 100

129 15.3 9.1 13.7#

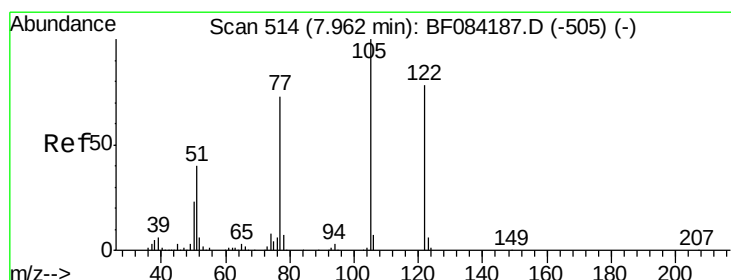
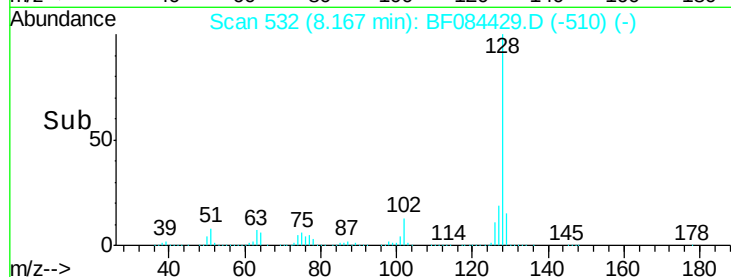
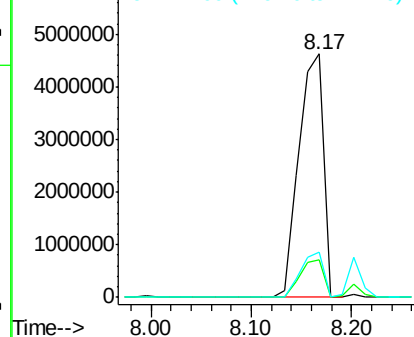
127 18.8 11.1 16.7#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 10.69 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.09 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

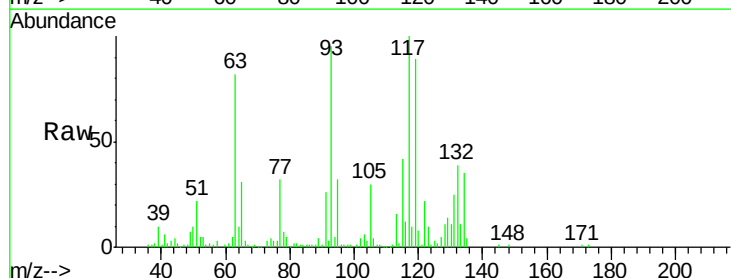
Tgt Ion:122 Resp: 54603

Ion Ratio Lower Upper

122 100

105 137.1 100.3 140.3

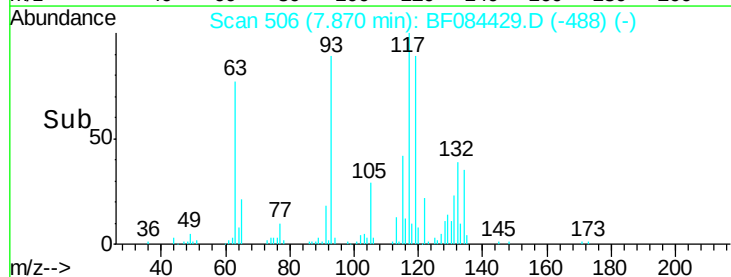
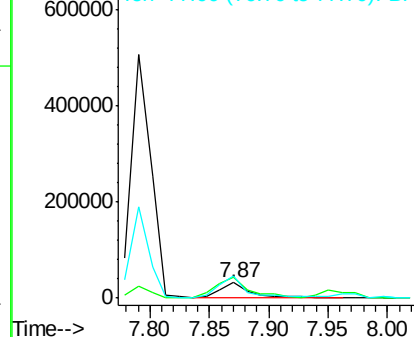
77 144.3 63.5 103.5#

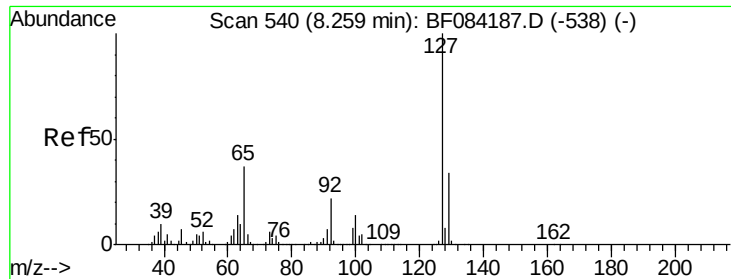


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

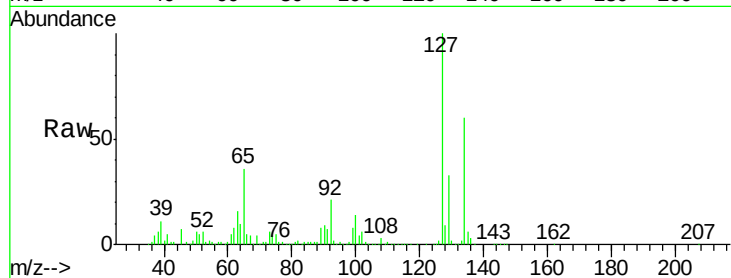




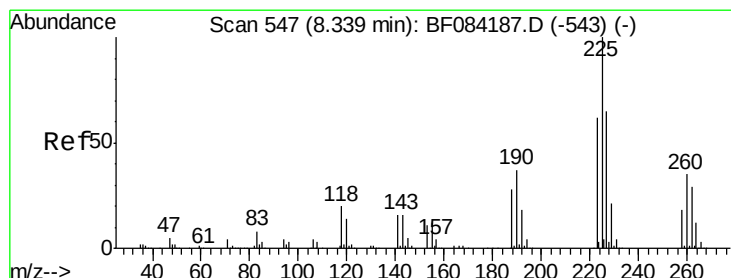
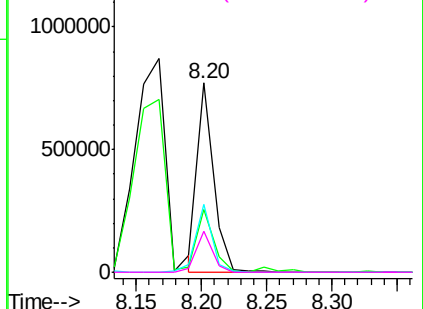
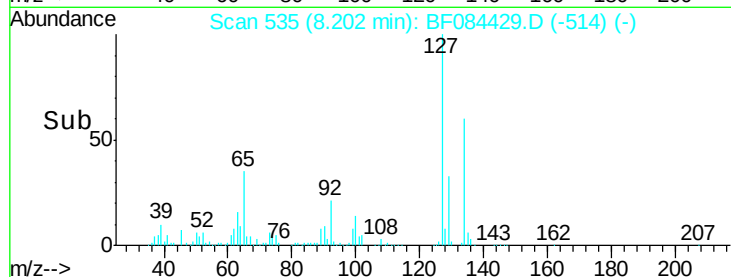
#33
4-Chloroaniline
Concen: 32.40 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.06 min
Lab File: BF084429.D
Acq: 13 Jan 2016 00:34

Instrument :
BNA_F
ClientSampleId :
RX2MS

Tgt Ion:	127	Resp:	667373
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.5	39.7
65	35.5	27.2	40.8
92	21.3	17.7	26.5

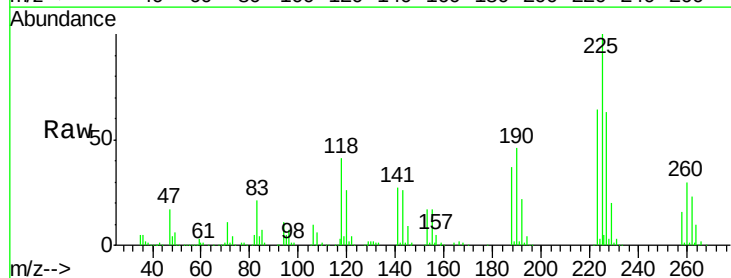


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

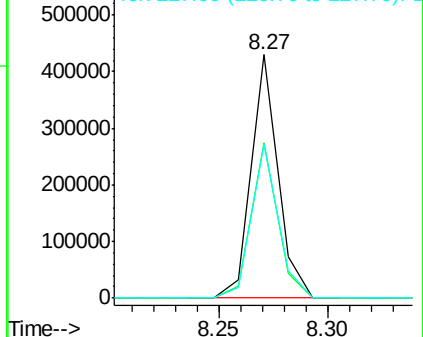
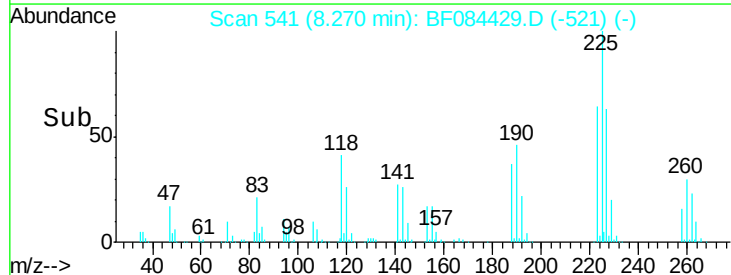


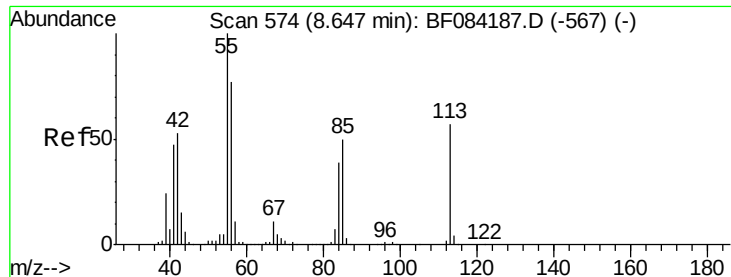
#34
Hexachlorobutadiene
Concen: 44.58 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.07 min
Lab File: BF084429.D
Acq: 13 Jan 2016 00:34

Tgt Ion:	225	Resp:	366454
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.4	74.0
227	63.1	50.8	76.2



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

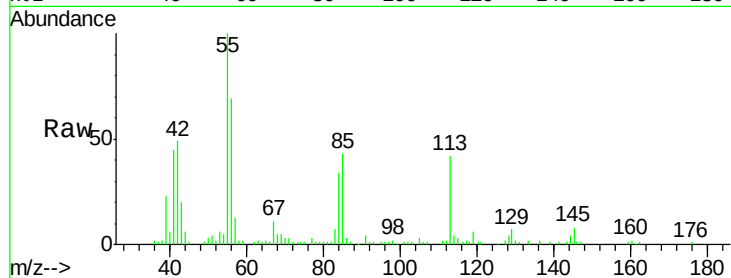




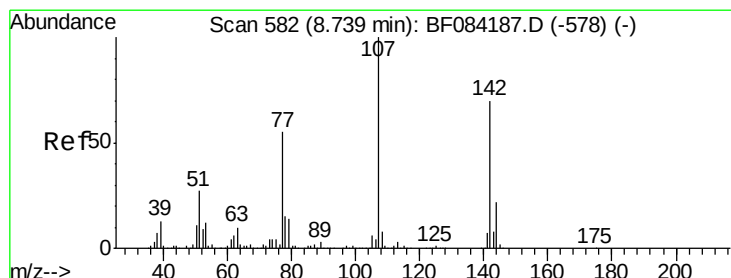
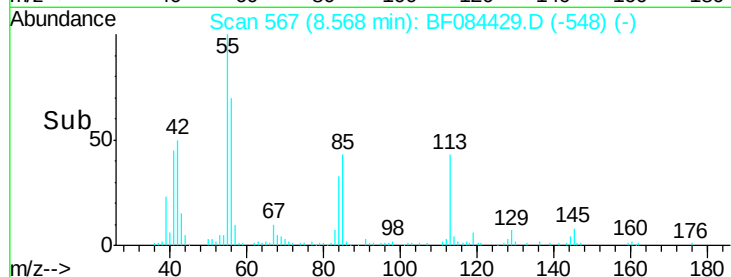
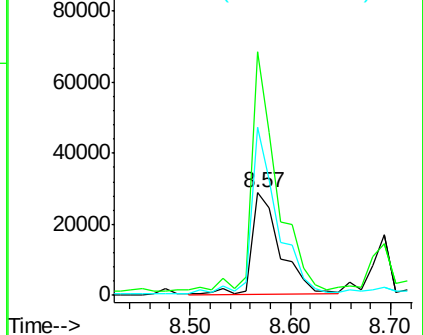
#35
 Caprolactam
 Concen: 12.21 ng
 RT: 8.57 min Scan# 567
 Delta R.T. -0.08 min
 Lab File: BF084429.D
 Acq: 13 Jan 2016 00:34

Instrument :
 BNA_F
 ClientSampleId :
 RX2MS

Tgt Ion:113 Resp: 57000
 Ion Ratio Lower Upper
 113 100
 55 237.6 116.9 156.9#
 56 164.1 93.8 133.8#

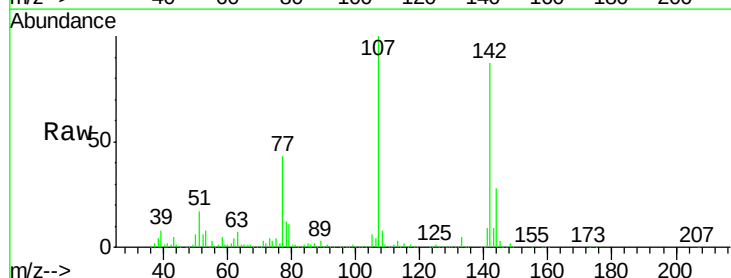


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

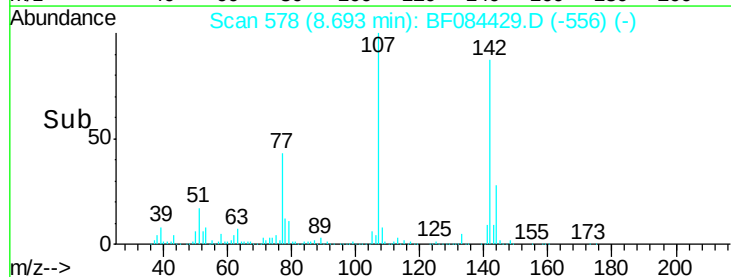
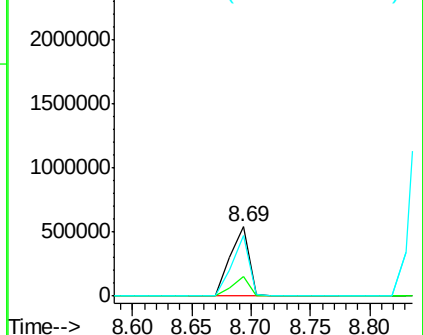


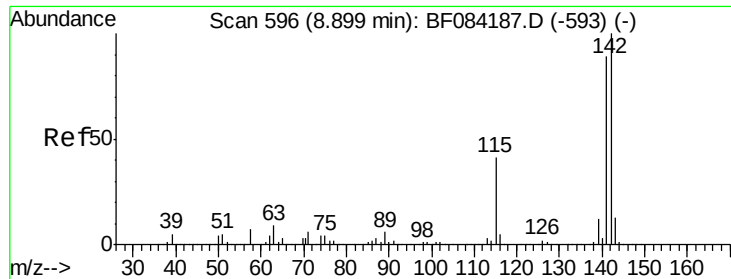
#36
 4-Chloro-3-methylphenol
 Concen: 38.14 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.05 min
 Lab File: BF084429.D
 Acq: 13 Jan 2016 00:34

Tgt Ion:107 Resp: 591701
 Ion Ratio Lower Upper
 107 100
 144 28.3 19.7 29.5
 142 87.5 61.8 92.6



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

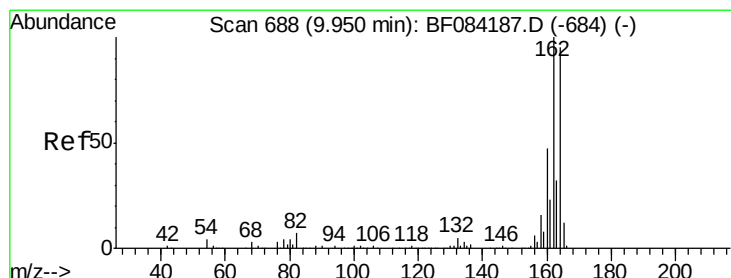
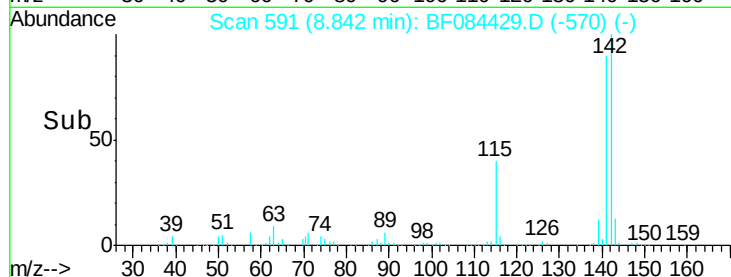
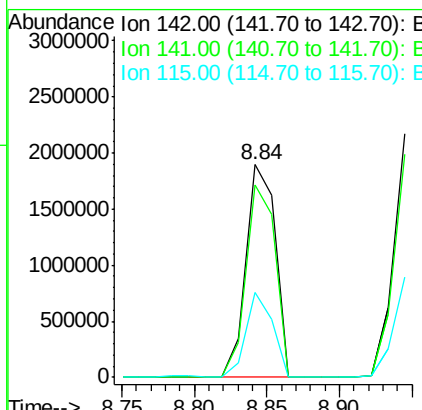
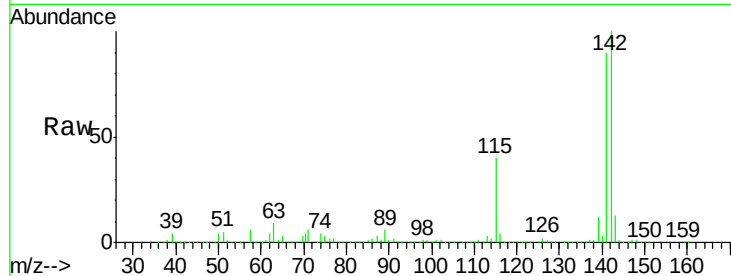




#37
 2-Methylnaphthalene
 Concen: 82.37 ng
 RT: 8.84 min Scan# 591
 Delta R.T. -0.06 min
 Lab File: BF084429.D
 Acq: 13 Jan 2016 00:34

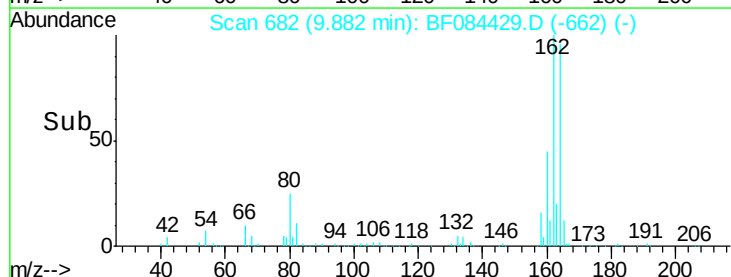
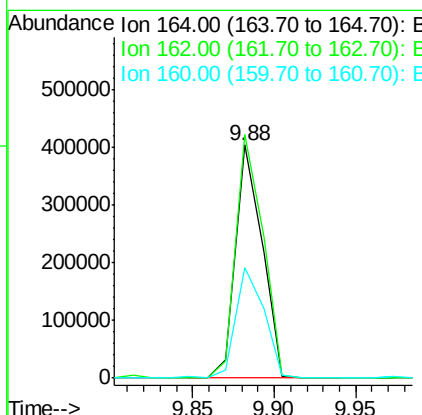
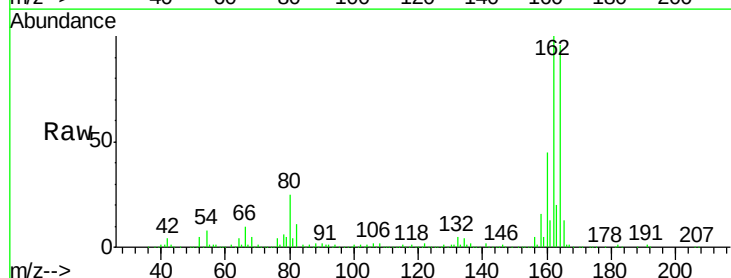
Instrument :
 BNA_F
 ClientSampleId :
 RX2MS

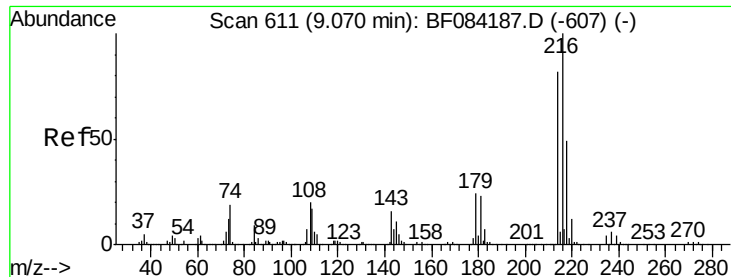
Tgt Ion:142 Resp: 2657139
 Ion Ratio Lower Upper
 142 100
 141 90.3 72.4 108.6
 115 40.2 27.9 41.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.07 min
 Lab File: BF084429.D
 Acq: 13 Jan 2016 00:34

Tgt Ion:164 Resp: 450696
 Ion Ratio Lower Upper
 164 100
 162 104.5 85.1 127.7
 160 47.5 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 50.62 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.06 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

Instrument :

BNA_F

ClientSampleId :

RX2MS

Tgt Ion:216 Resp: 655930

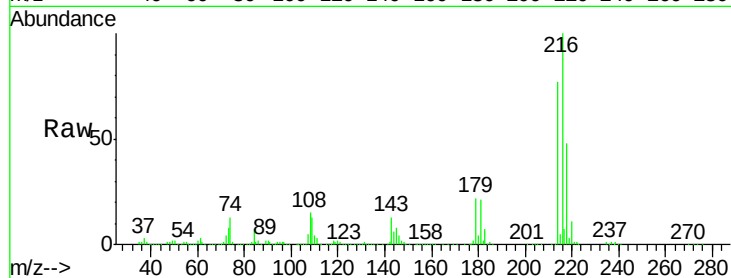
Ion Ratio Lower Upper

216 100

214 78.2 64.2 96.2

179 23.0 18.7 28.1

108 22.3 16.8 25.2

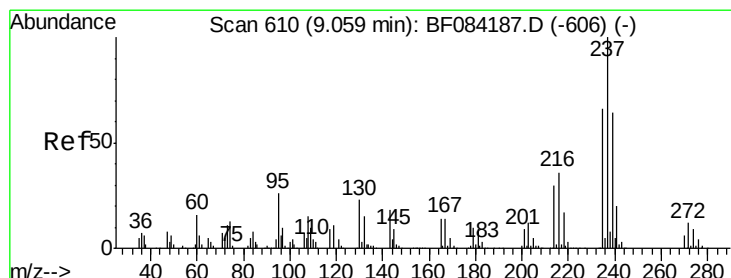
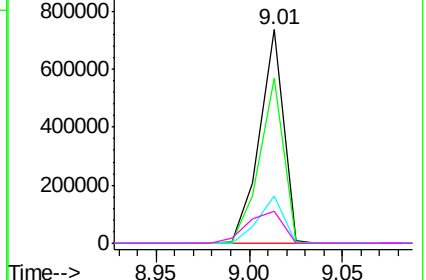
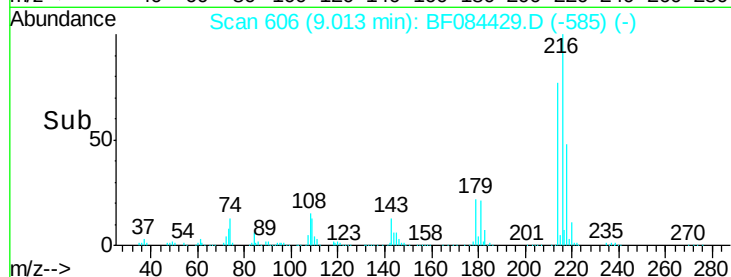


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 82.04 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.06 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

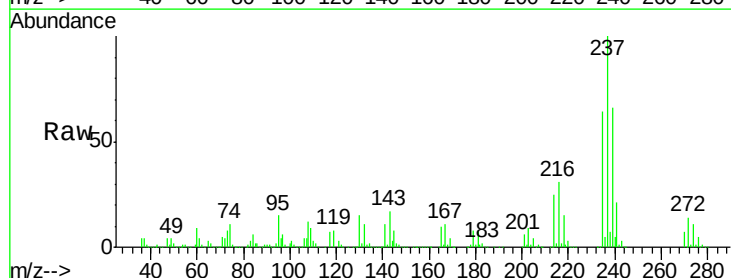
Tgt Ion:237 Resp: 641696

Ion Ratio Lower Upper

237 100

235 64.4 43.1 83.1

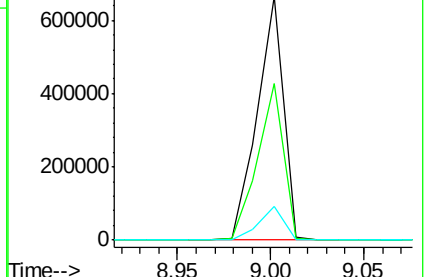
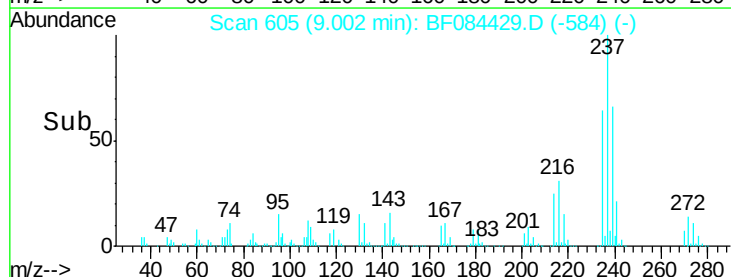
272 13.6 0.0 35.1

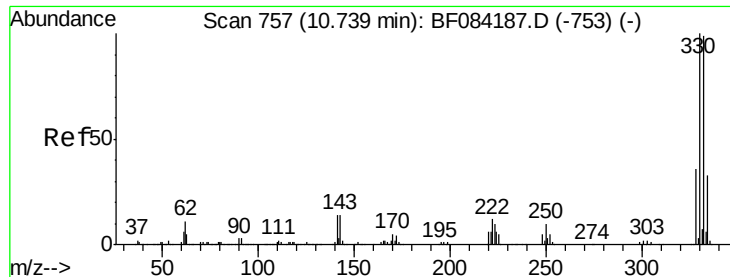


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

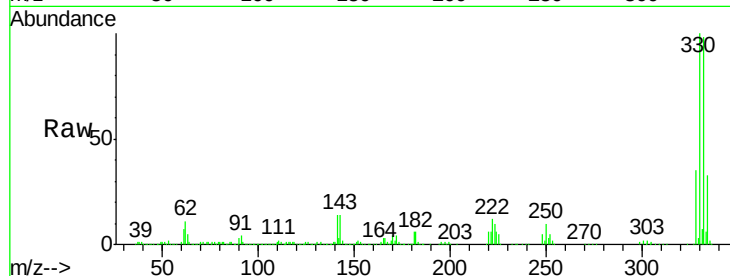




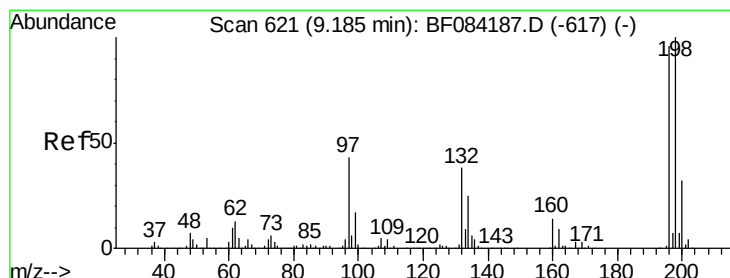
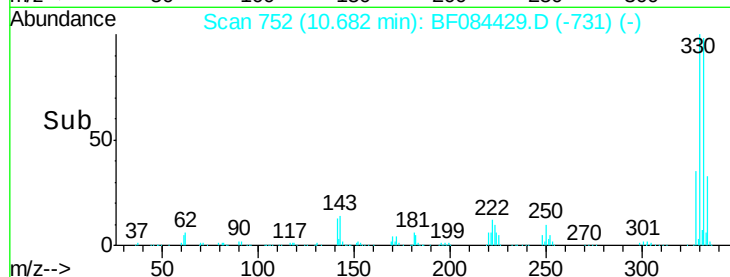
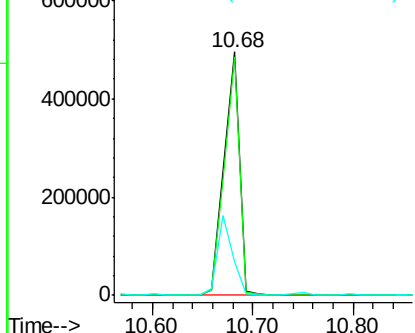
#41
 2,4,6-Tribromophenol
 Concen: 117.47 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.06 min
 Lab File: BF084429.D
 Acq: 13 Jan 2016 00:34

Instrument :
 BNA_F
 ClientSampleId :
 RX2MS

Tgt Ion:330 Resp: 534492
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 32.0 27.8 41.6

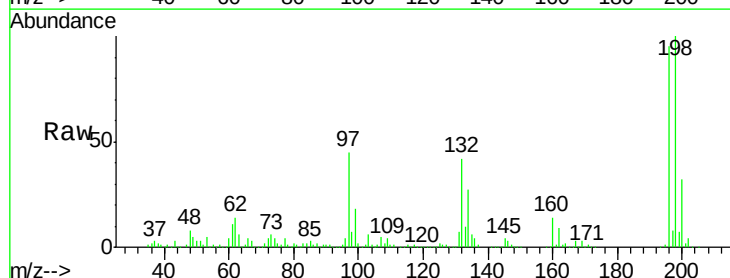


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

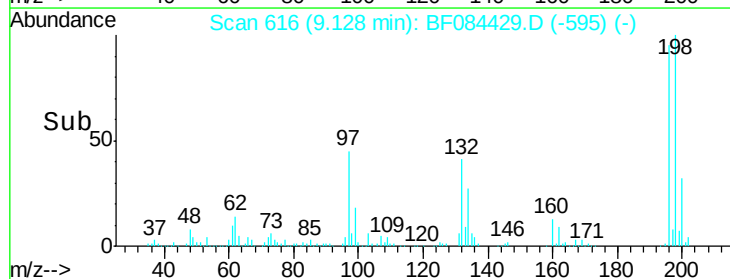
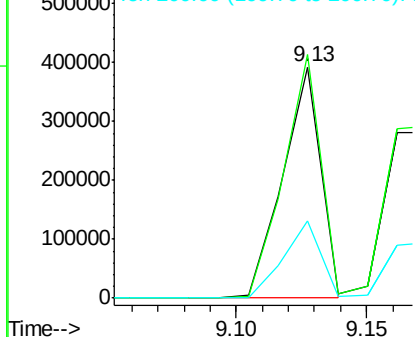


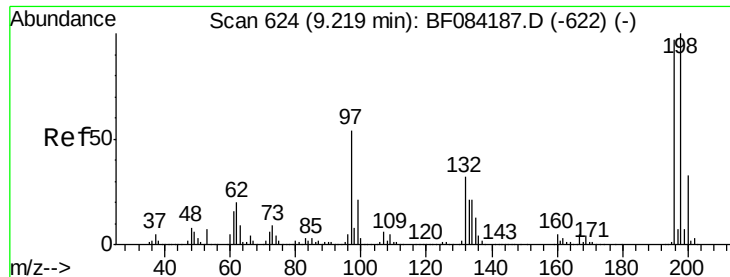
#42
 2,4,6-Trichlorophenol
 Concen: 40.83 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.06 min
 Lab File: BF084429.D
 Acq: 13 Jan 2016 00:34

Tgt Ion:196 Resp: 395806
 Ion Ratio Lower Upper
 196 100
 198 105.2 77.7 116.5
 200 33.3 24.6 37.0



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

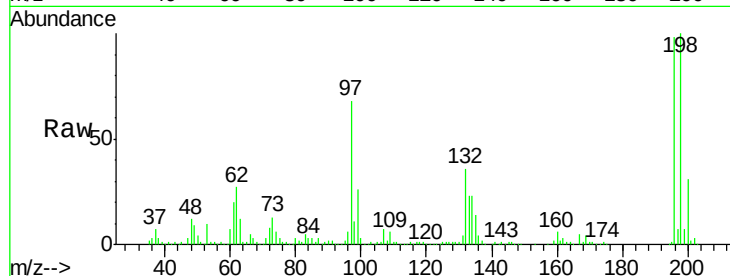




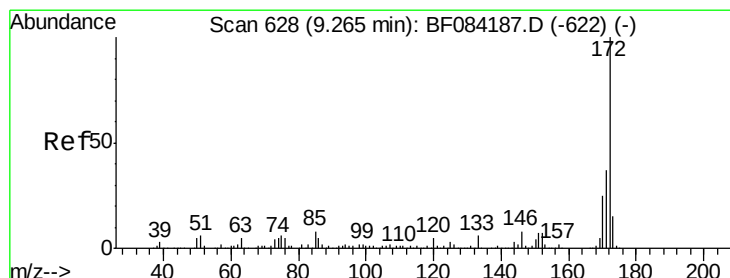
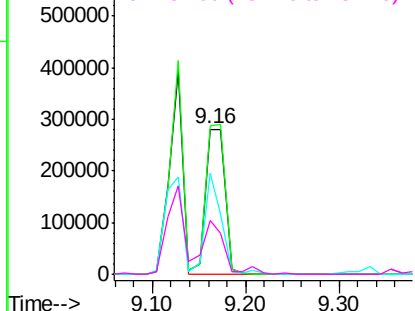
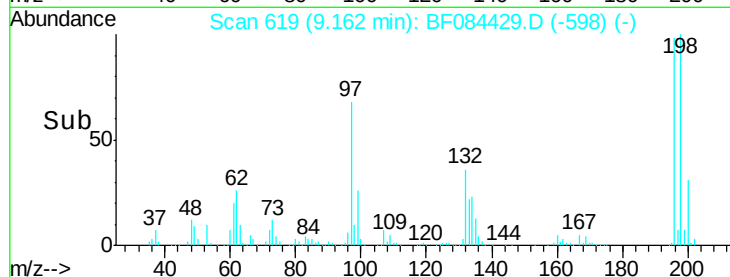
#43
 2,4,5-Trichlorophenol
 Concen: 44.07 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.06 min
 Lab File: BF084429.D
 Acq: 13 Jan 2016 00:34

Instrument :
 BNA_F
 ClientSampleId :
 RX2MS

Tgt Ion:196 Resp: 409575
 Ion Ratio Lower Upper
 196 100
 198 102.2 79.0 118.6
 97 69.8 33.0 49.6#
 132 36.9 21.1 31.7#

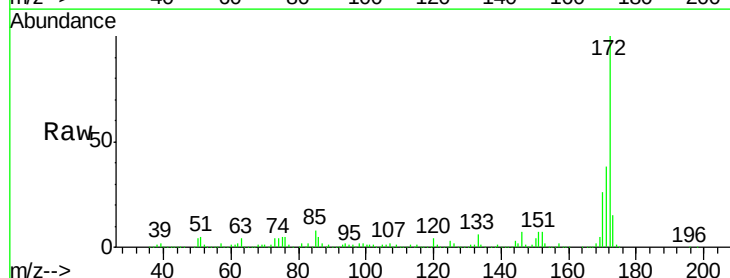


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

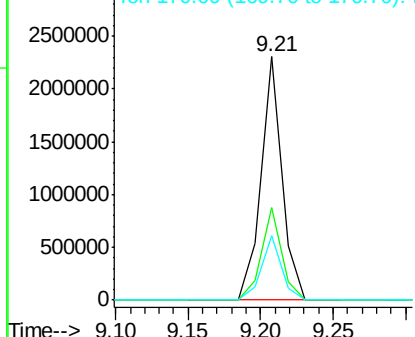
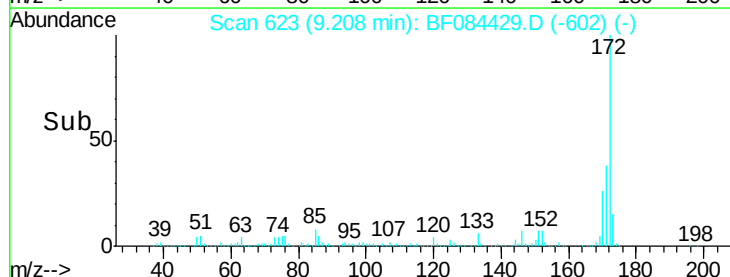


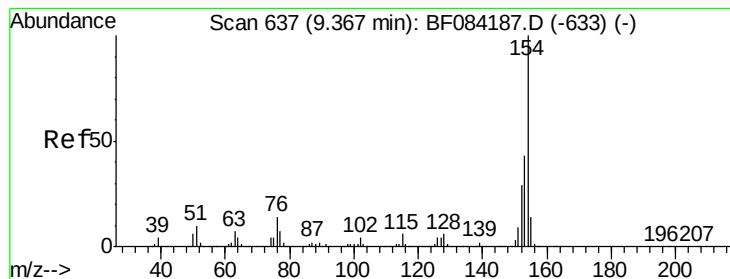
#44
 2-Fluorobiphenyl
 Concen: 90.62 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.06 min
 Lab File: BF084429.D
 Acq: 13 Jan 2016 00:34

Tgt Ion:172 Resp: 2310922
 Ion Ratio Lower Upper
 172 100
 171 38.0 28.9 43.3
 170 26.2 18.6 27.8



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





#45

1,1'-Biphenyl

Concen: 53.60 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.06 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

Instrument :

BNA_F

ClientSampleId :

RX2MS

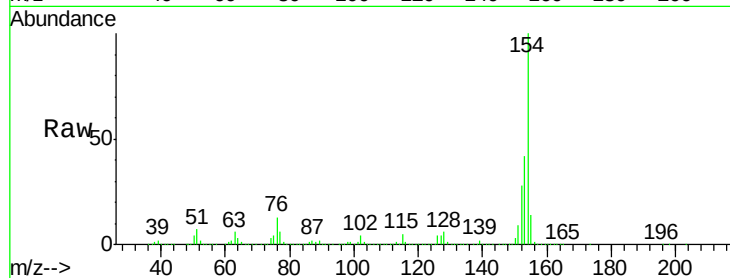
Tgt Ion:154 Resp: 1919792

Ion Ratio Lower Upper

154 100

153 41.9 21.6 61.6

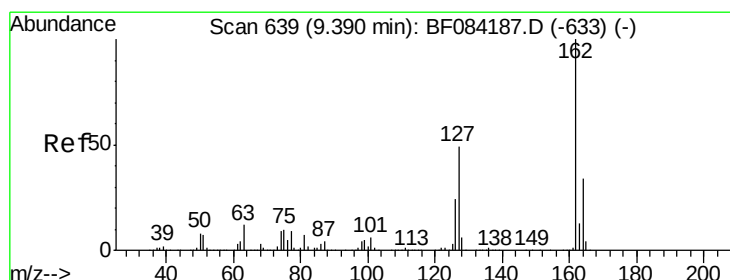
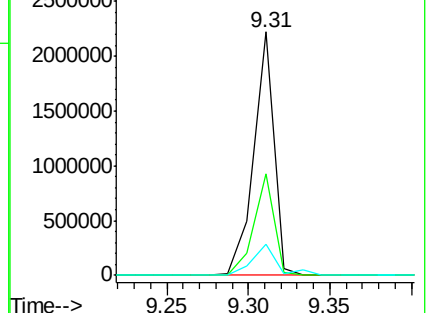
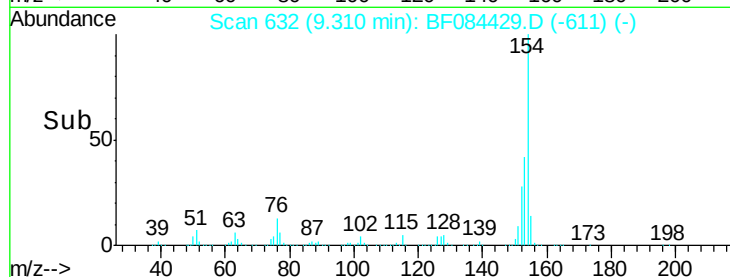
76 12.9 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 48.61 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.06 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

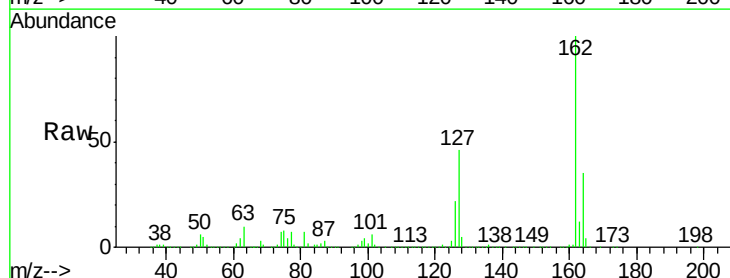
Tgt Ion:162 Resp: 1367647

Ion Ratio Lower Upper

162 100

127 45.7 40.2 60.4

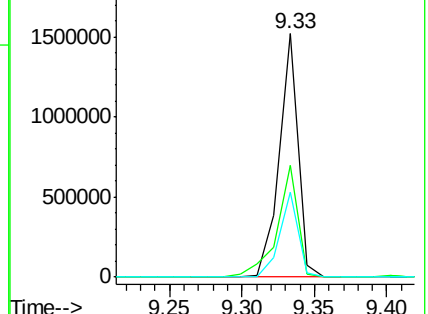
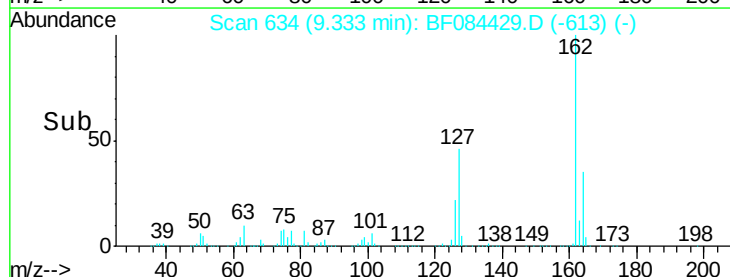
164 34.6 25.7 38.5

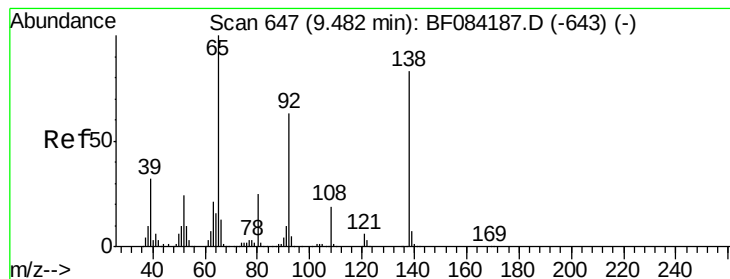


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 54.77 ng

RT: 9.44 min Scan# 643

Delta R.T. -0.05 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

Instrument :

BNA_F

ClientSampleId :

RX2MS

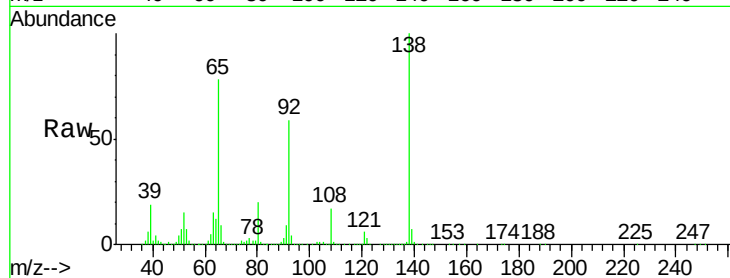
Tgt Ion: 65 Resp: 508633

Ion Ratio Lower Upper

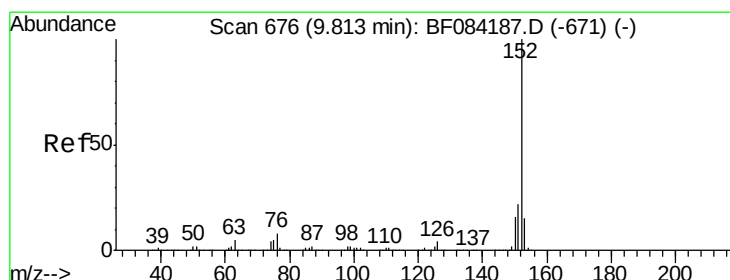
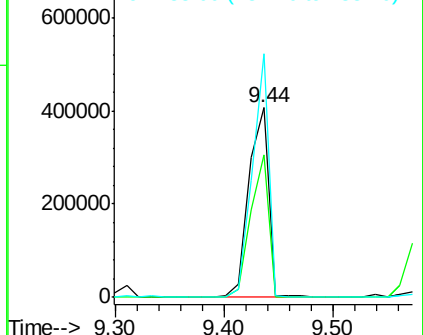
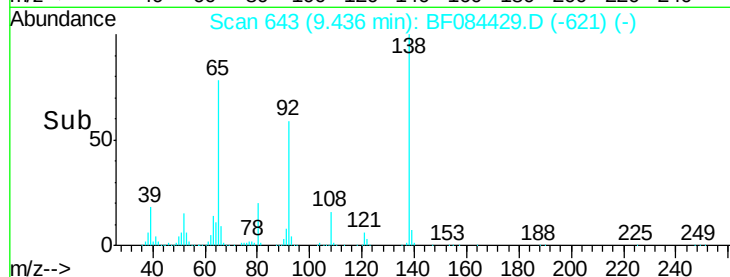
65 100

92 75.5 53.4 80.2

138 128.6 71.1 106.7#



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



#48

Acenaphthylene

Concen: 48.60 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.07 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

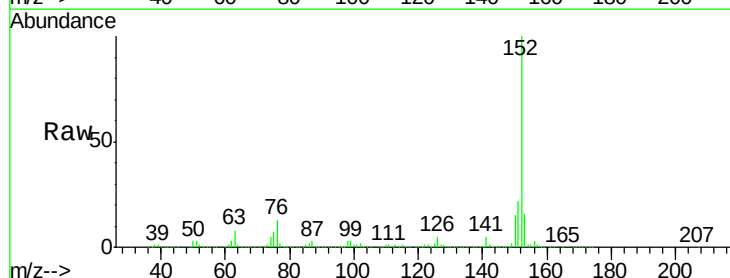
Tgt Ion: 152 Resp: 2020227

Ion Ratio Lower Upper

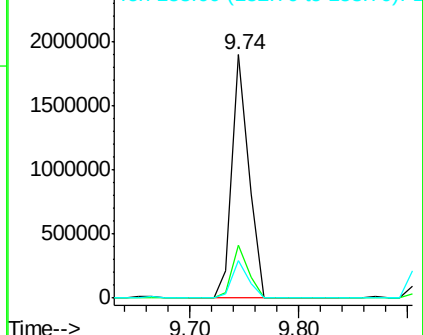
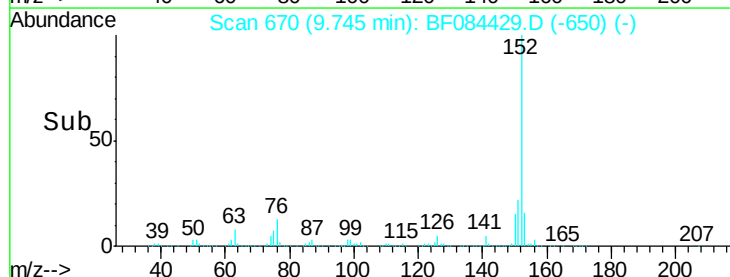
152 100

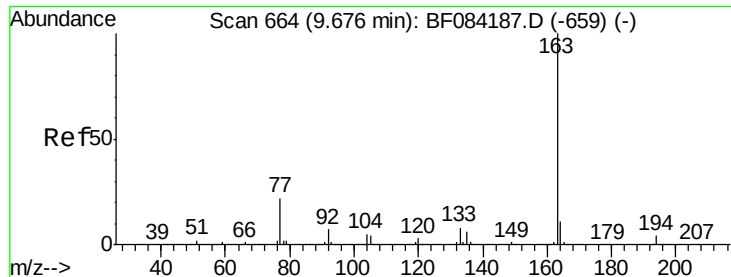
151 21.6 16.3 24.5

153 15.5 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

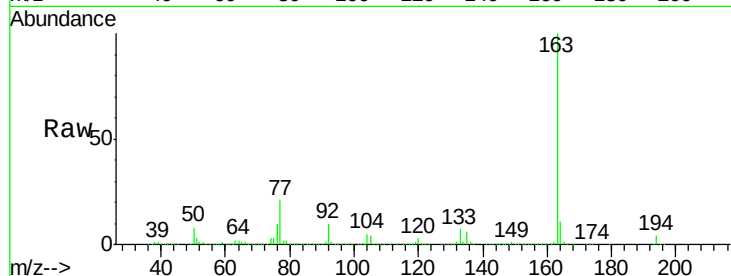




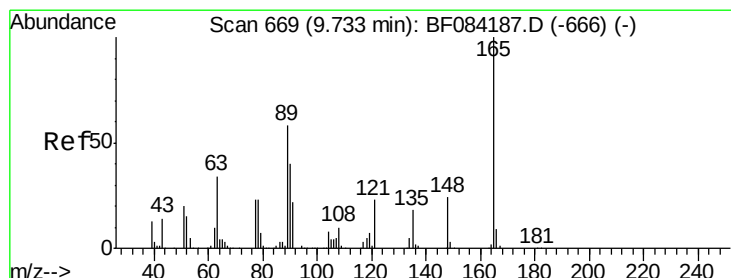
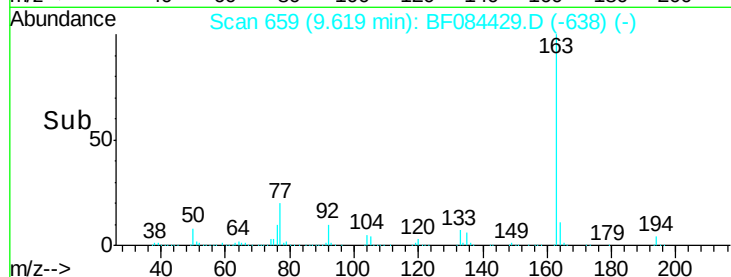
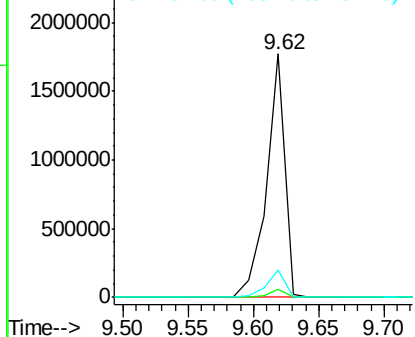
#49
Dimethylphthalate
Concen: 53.45 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.06 min
Lab File: BF084429.D
Acq: 13 Jan 2016 00:34

Instrument :
BNA_F
ClientSampleId :
RX2MS

Tgt Ion:163 Resp: 1722156
Ion Ratio Lower Upper
163 100
194 3.5 8.0 12.0#
164 11.0 8.0 12.0

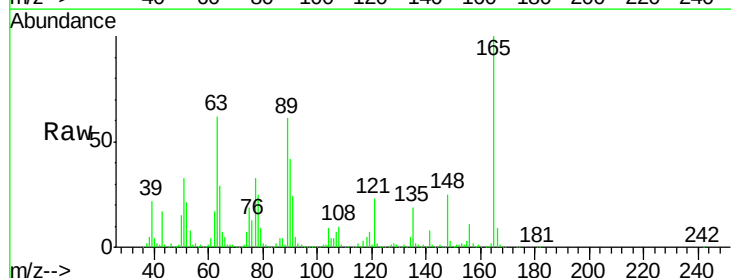


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

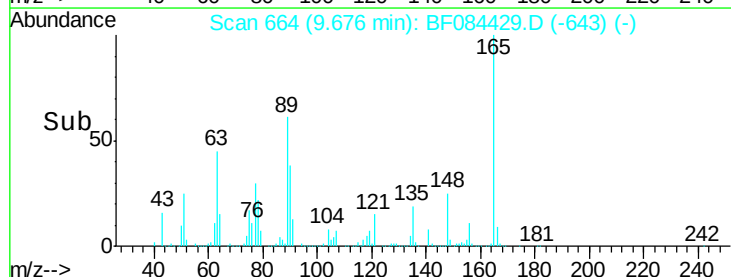
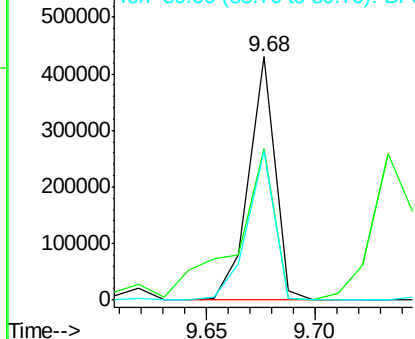


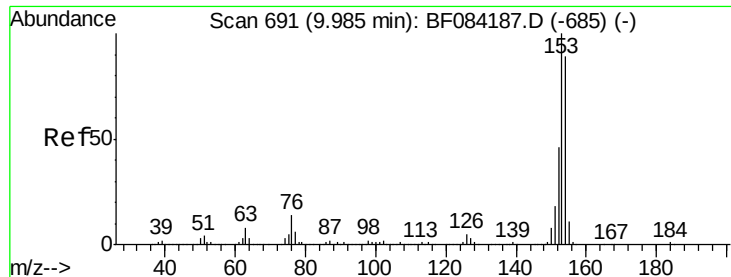
#50
2,6-Dinitrotoluene
Concen: 51.29 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.06 min
Lab File: BF084429.D
Acq: 13 Jan 2016 00:34

Tgt Ion:165 Resp: 362475
Ion Ratio Lower Upper
165 100
63 62.3 28.8 43.2#
89 61.3 35.1 52.7#



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





#51

Acenaphthene

Concen: 83.61 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.06 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

Instrument :

BNA_F

ClientSampleId :

RX2MS

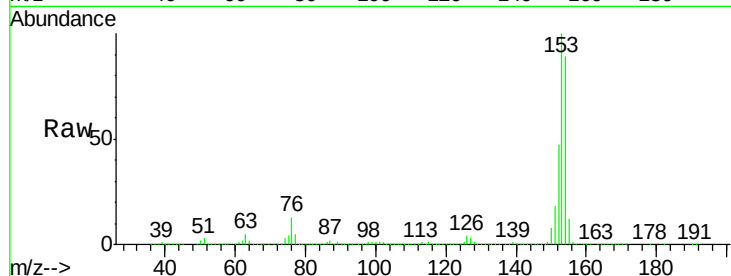
Tgt Ion:154 Resp: 2331442

Ion Ratio Lower Upper

154 100

153 112.2 91.5 137.3

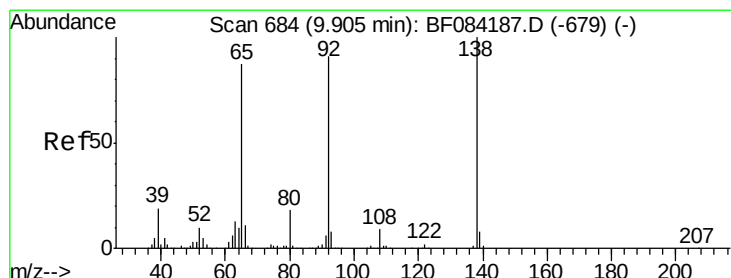
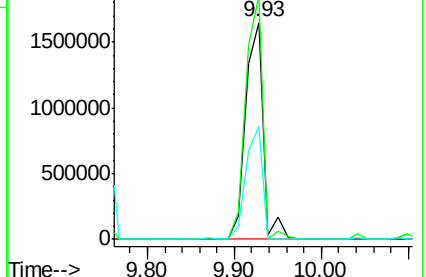
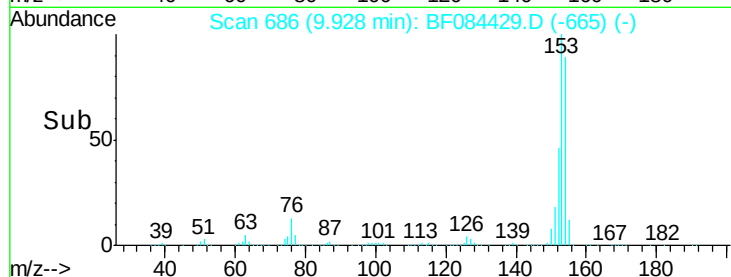
152 52.2 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 45.02 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.06 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

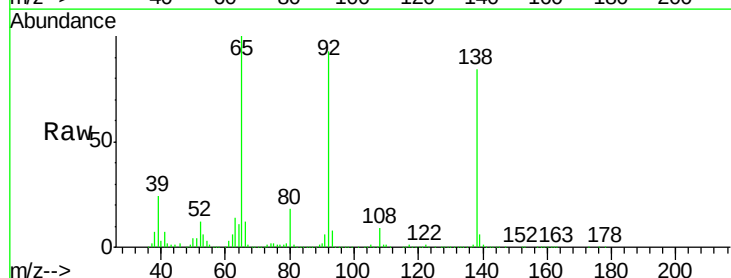
Tgt Ion:138 Resp: 394193

Ion Ratio Lower Upper

138 100

108 10.2 10.5 15.7#

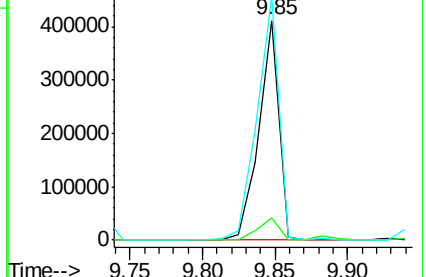
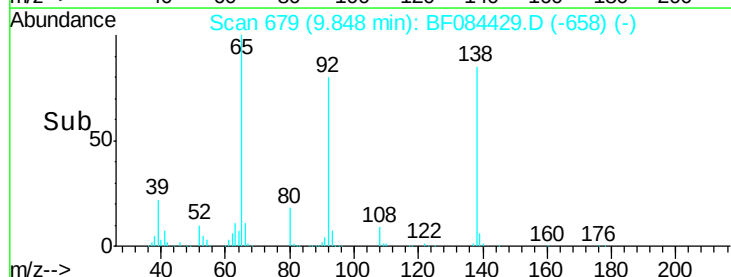
92 111.0 103.9 155.9

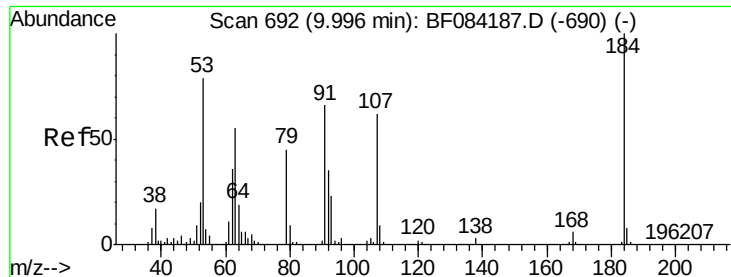


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

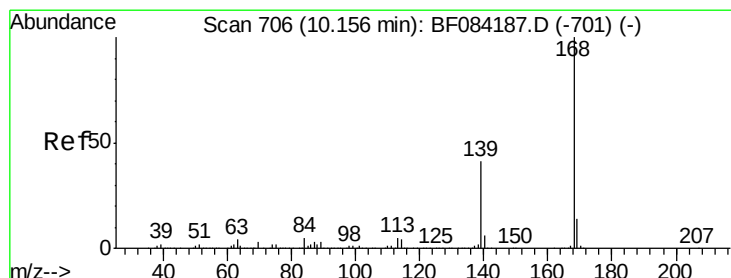
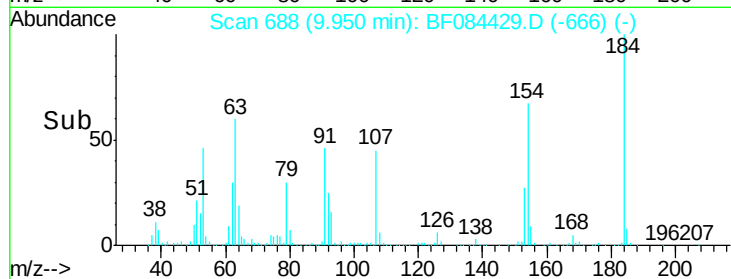
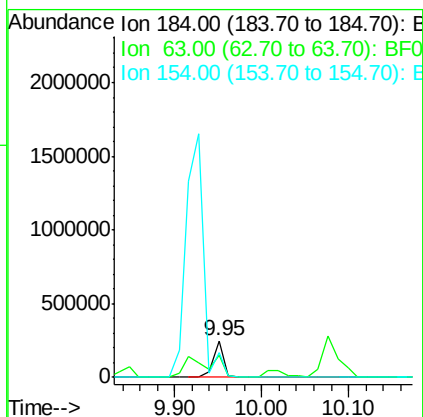
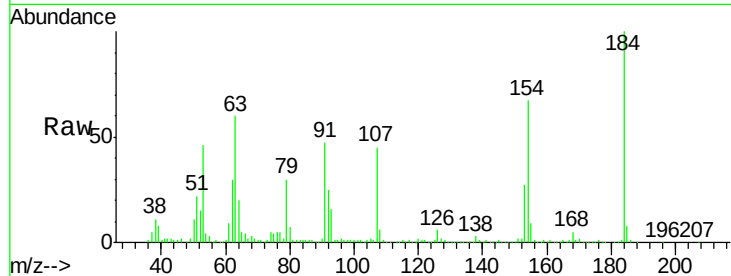




#53
2,4-Dinitrophenol
Concen: 71.74 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.05 min
Lab File: BF084429.D
Acq: 13 Jan 2016 00:34

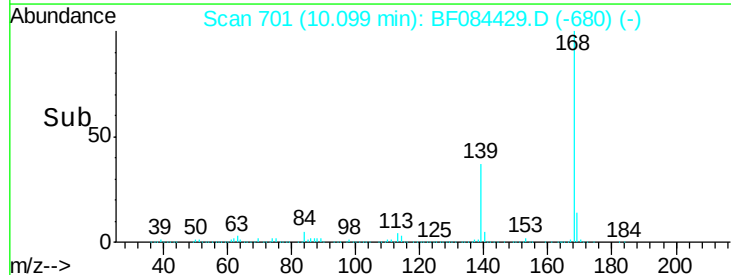
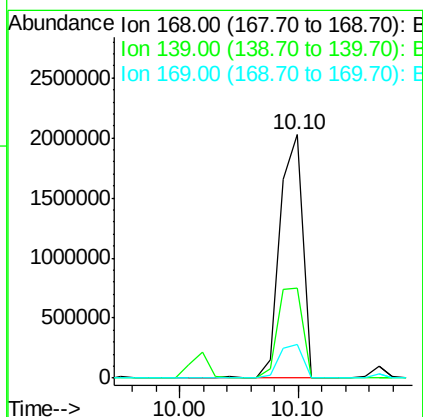
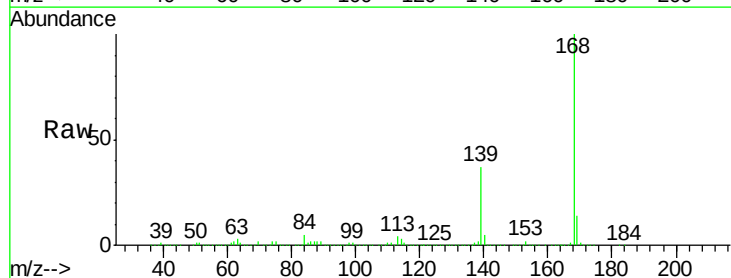
Instrument :
BNA_F
ClientSampleId :
RX2MS

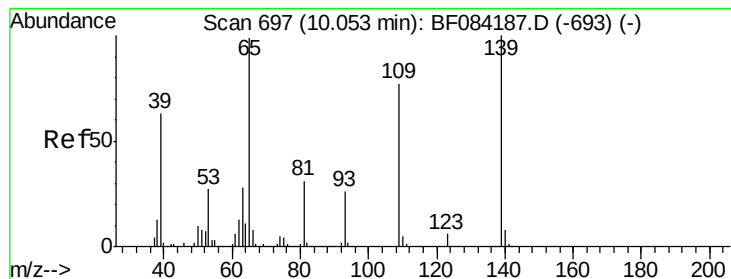
Tgt Ion:184 Resp: 214799
Ion Ratio Lower Upper
184 100
63 60.2 43.1 64.7
154 67.4 60.5 90.7



#54
Dibenzofuran
Concen: 75.24 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.06 min
Lab File: BF084429.D
Acq: 13 Jan 2016 00:34

Tgt Ion:168 Resp: 2645136
Ion Ratio Lower Upper
168 100
139 36.8 30.5 45.7
169 13.9 10.4 15.6





#55

4-Nitrophenol

Concen: 38.09 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.03 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

Instrument :

BNA_F

ClientSampled :

RX2MS

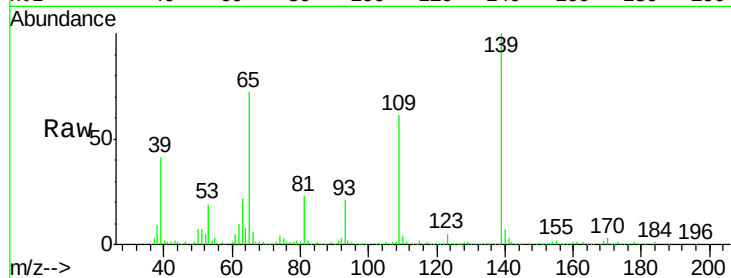
Tgt Ion:139 Resp: 242099

Ion Ratio Lower Upper

139 100

109 61.0 58.5 98.5

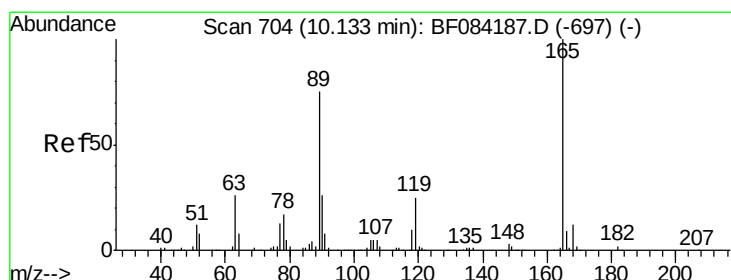
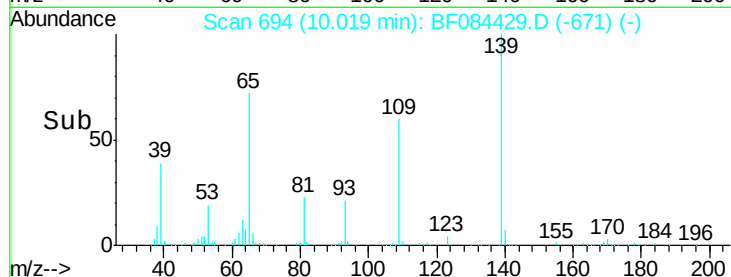
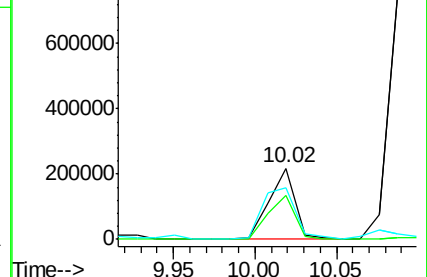
65 71.8 57.6 97.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 48.55 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.06 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

Tgt Ion:165 Resp: 434226

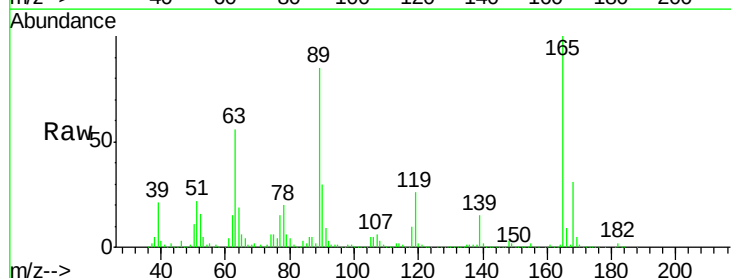
Ion Ratio Lower Upper

165 100

63 56.1 36.7 55.1#

89 84.6 61.9 92.9

182 2.2 2.0 3.0

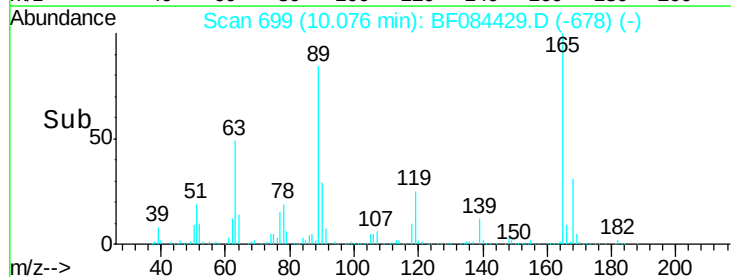
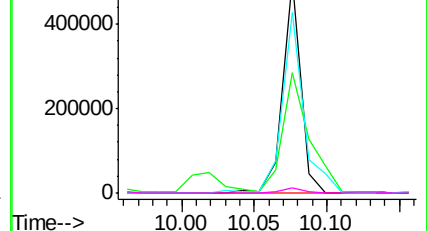


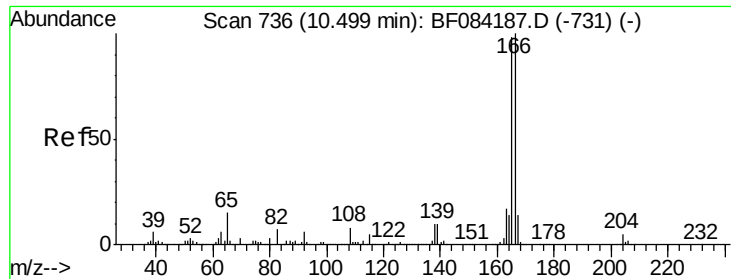
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 69.79 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.06 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

Instrument :

BNA_F

ClientSampleId :

RX2MS

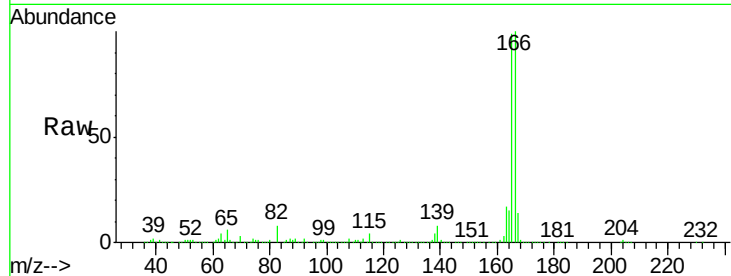
Tgt Ion:166 Resp: 1912324

Ion Ratio Lower Upper

166 100

165 99.5 79.1 118.7

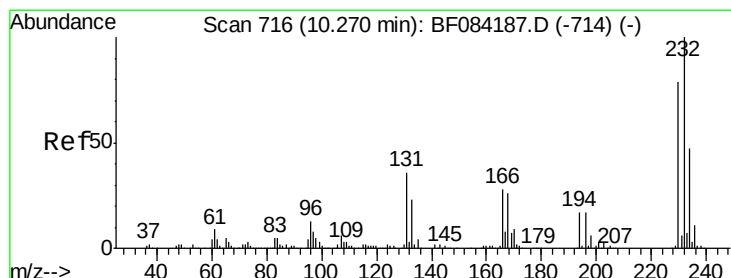
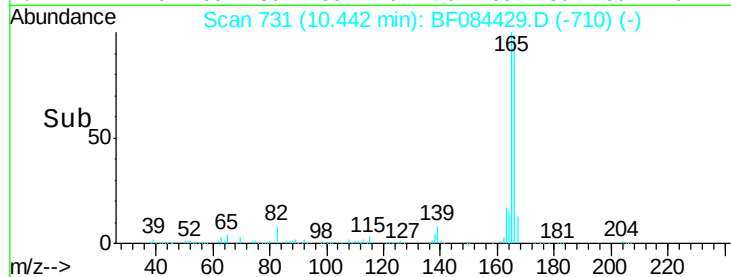
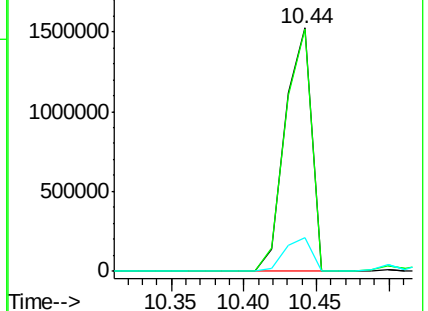
167 13.7 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.92 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.06 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

Tgt Ion:232 Resp: 340548

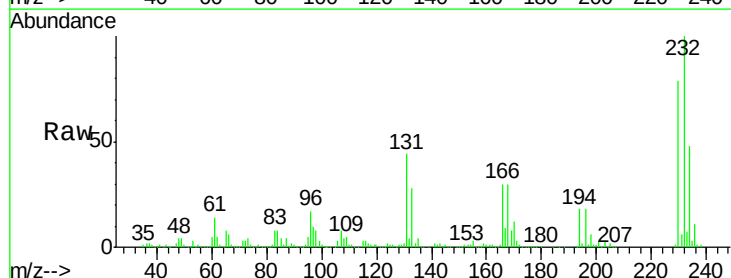
Ion Ratio Lower Upper

232 100

131 48.7 47.0 70.6

130 2.6 2.0 3.0

166 31.5 30.5 45.7

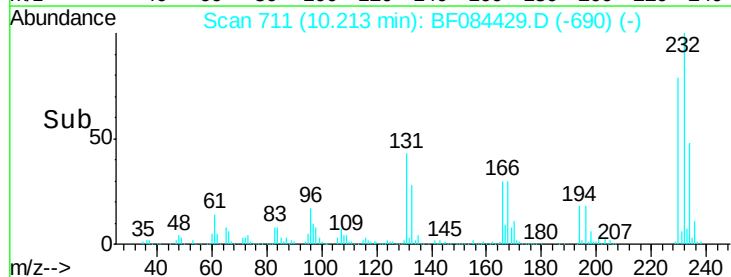
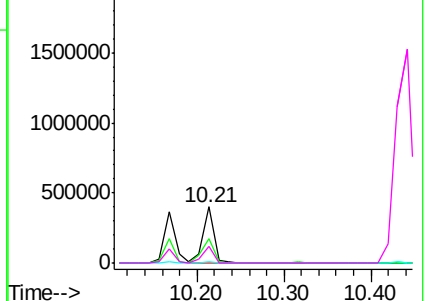


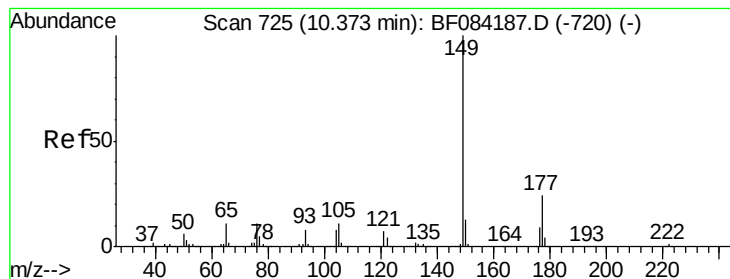
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 51.62 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.06 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

Instrument :

BNA_F

ClientSampleId :

RX2MS

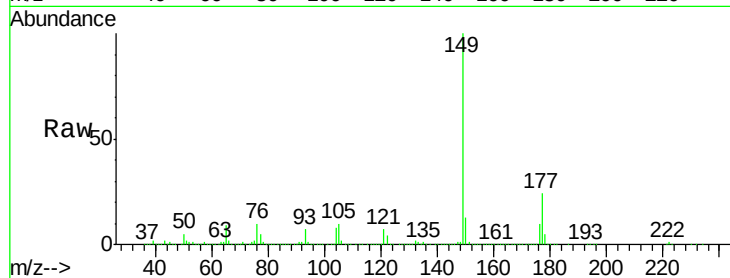
Tgt Ion:149 Resp: 1640000

Ion Ratio Lower Upper

149 100

177 23.9 17.3 25.9

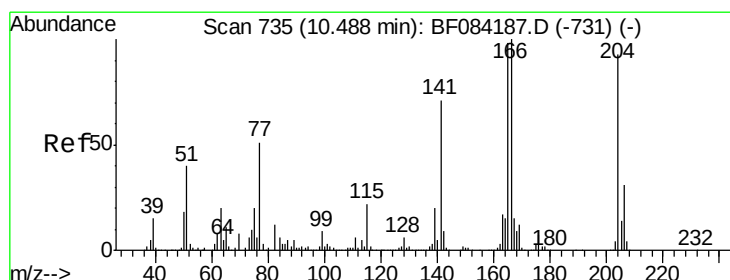
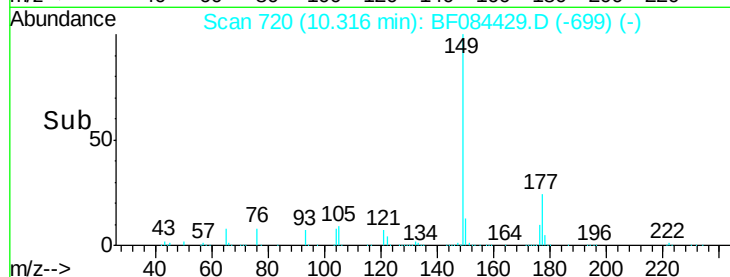
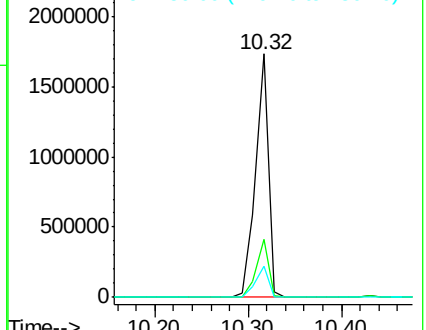
150 12.8 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 58.67 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.06 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

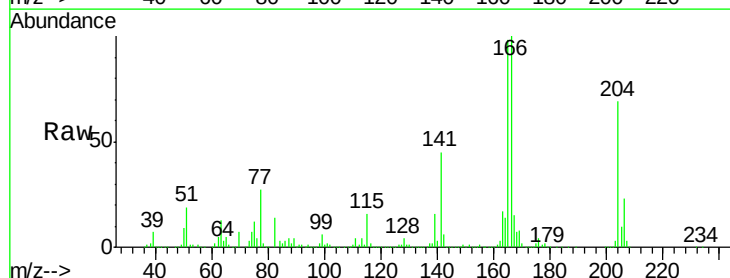
Tgt Ion:204 Resp: 663000

Ion Ratio Lower Upper

204 100

206 33.0 25.7 38.5

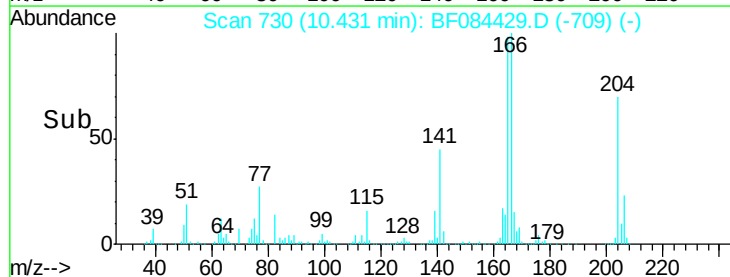
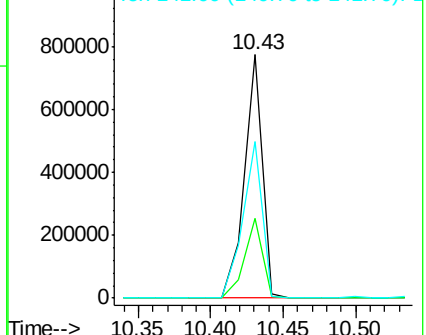
141 64.2 55.1 82.7

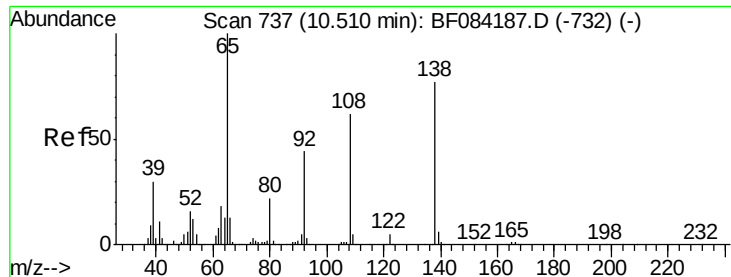


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

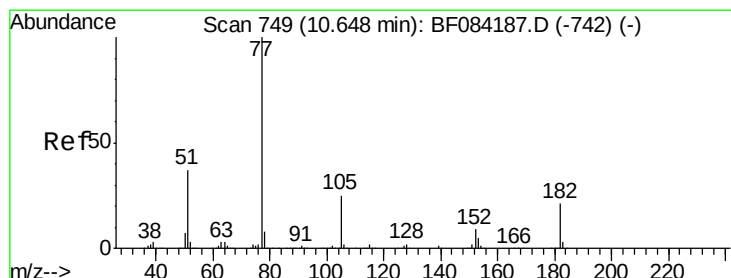
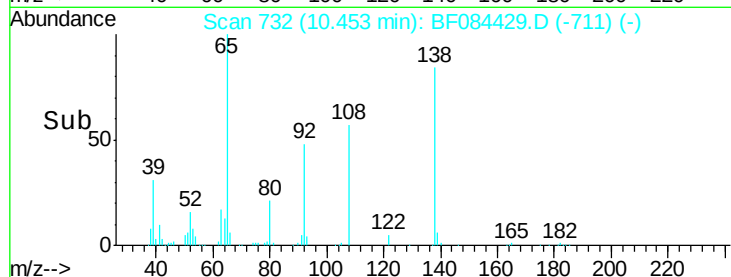
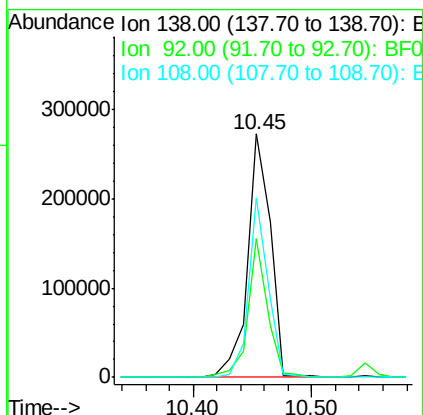
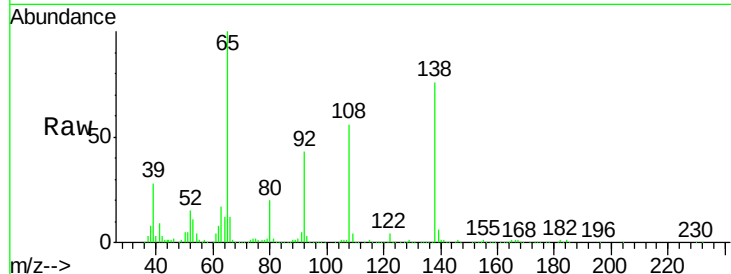




#61
4-Nitroaniline
Concen: 47.13 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.06 min
Lab File: BF084429.D
Acq: 13 Jan 2016 00:34

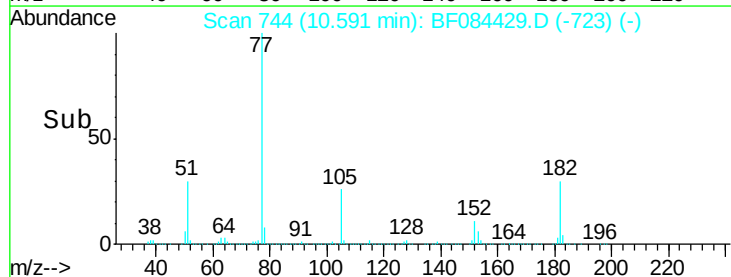
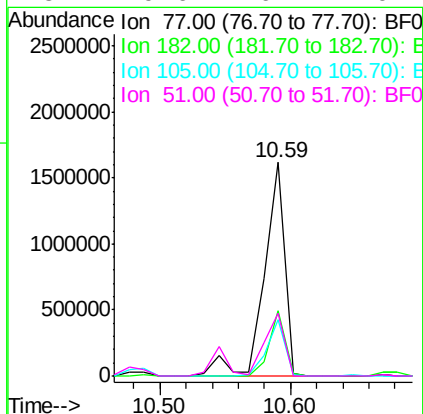
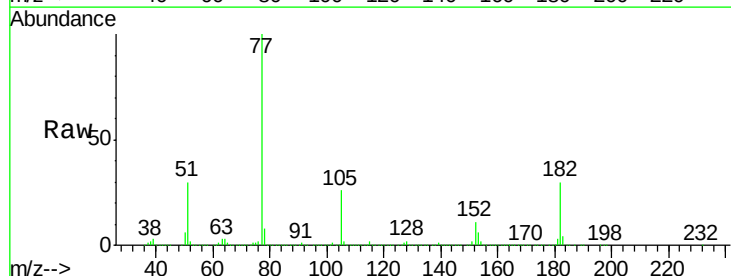
Instrument :
BNA_F
ClientSampleId :
RX2MS

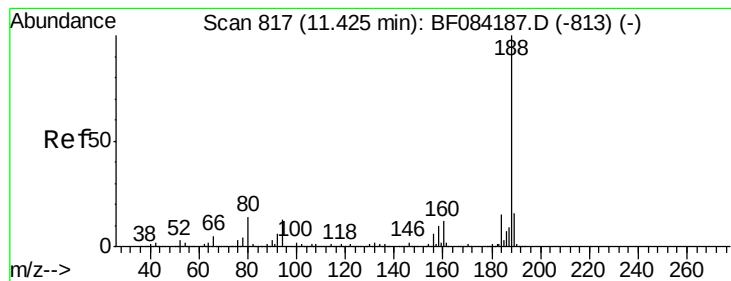
Tgt Ion:138 Resp: 367847
Ion Ratio Lower Upper
138 100
92 57.0 32.6 72.6
108 73.5 68.6 108.6



#62
Azobenzene
Concen: 51.25 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.06 min
Lab File: BF084429.D
Acq: 13 Jan 2016 00:34

Tgt Ion: 77 Resp: 1785775
Ion Ratio Lower Upper
77 100
182 30.4 8.3 48.3
105 26.2 4.6 44.6
51 29.6 6.2 46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.06 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

Instrument :

BNA_F

ClientSampled :

RX2MS

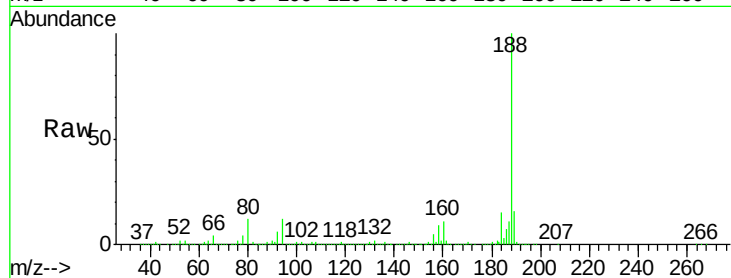
Tgt Ion:188 Resp: 799469

Ion Ratio Lower Upper

188 100

94 11.5 9.0 13.4

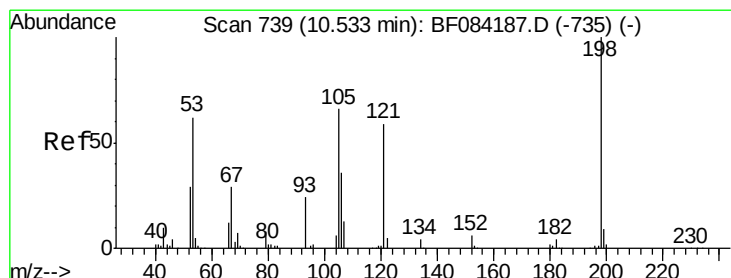
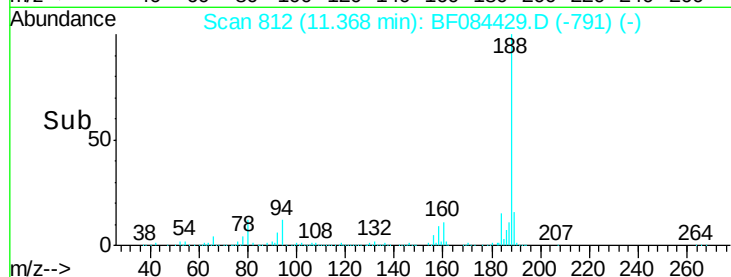
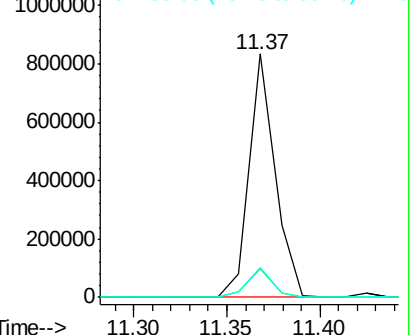
80 12.1 9.6 14.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 36.20 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.05 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

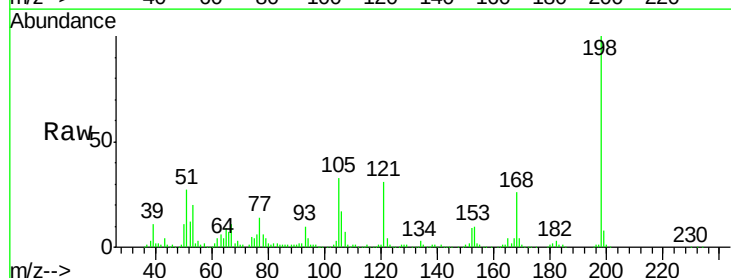
Tgt Ion:198 Resp: 176488

Ion Ratio Lower Upper

198 100

51 26.8 18.9 58.9

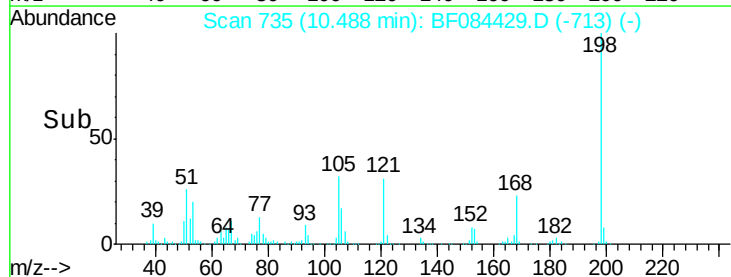
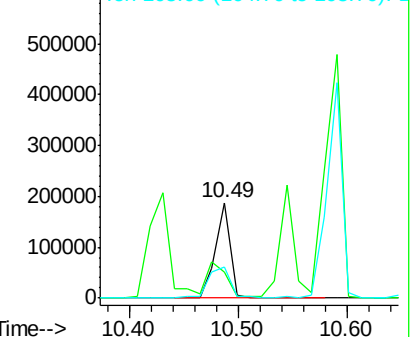
105 32.5 26.4 66.4

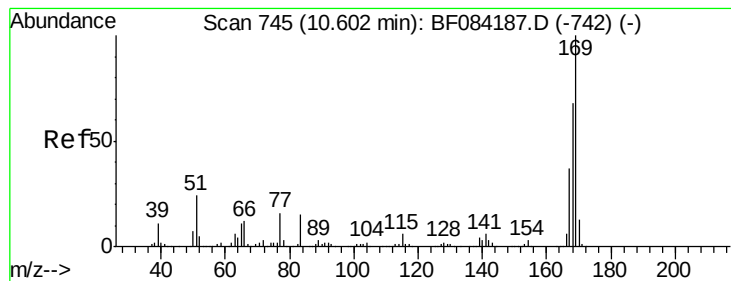


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 48.01 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.06 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

Instrument :

BNA_F

ClientSampled :

RX2MS

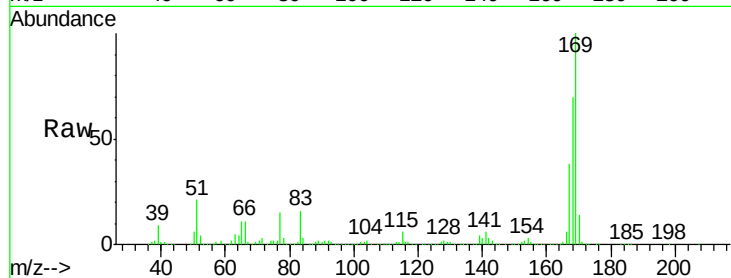
Tgt Ion:169 Resp: 1227183

Ion Ratio Lower Upper

169 100

168 69.7 55.1 82.7

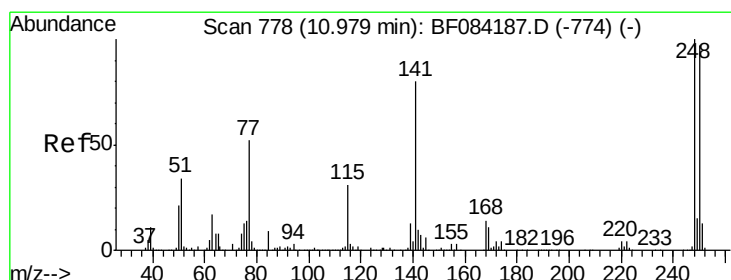
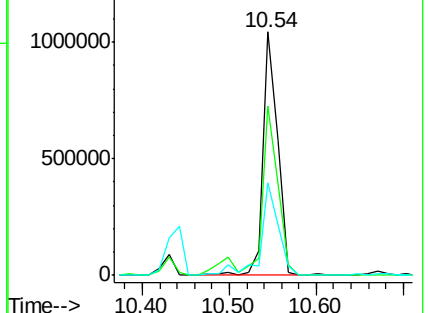
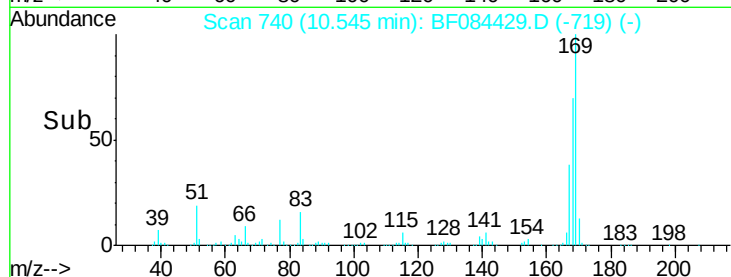
167 38.3 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 52.50 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.06 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

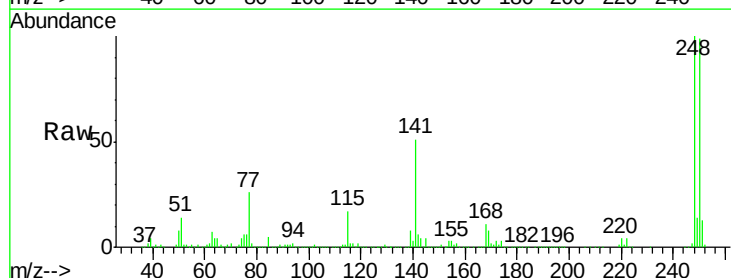
Tgt Ion:248 Resp: 451775

Ion Ratio Lower Upper

248 100

250 99.4 78.4 117.6

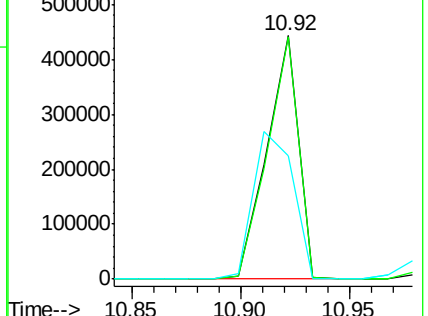
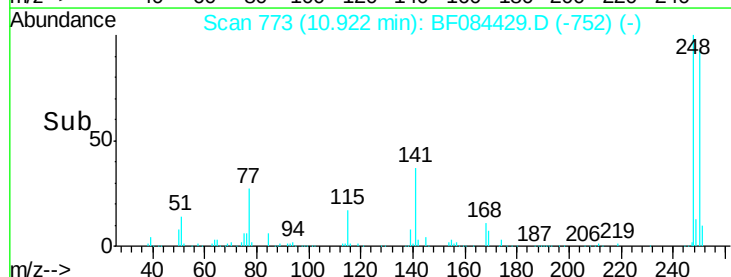
141 50.6 44.0 66.0

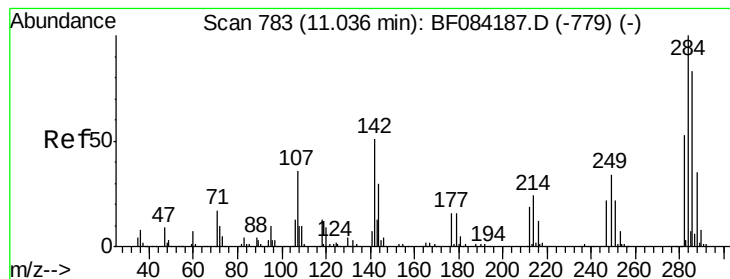


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 45.25 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.06 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

Instrument :

BNA_F

ClientSampleId :

RX2MS

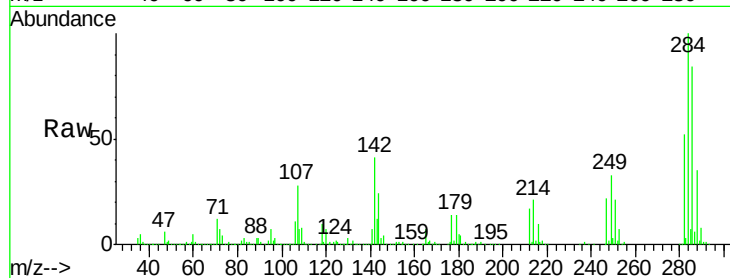
Tgt Ion:284 Resp: 438279

Ion Ratio Lower Upper

284 100

142 41.0 22.2 33.4#

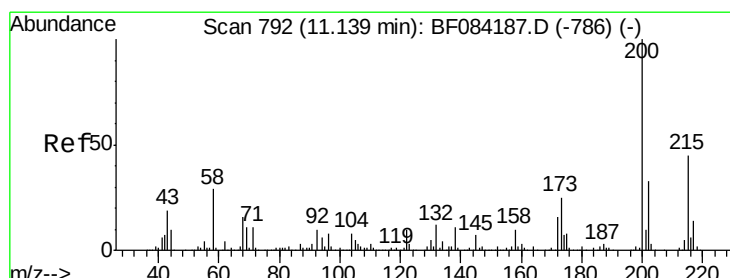
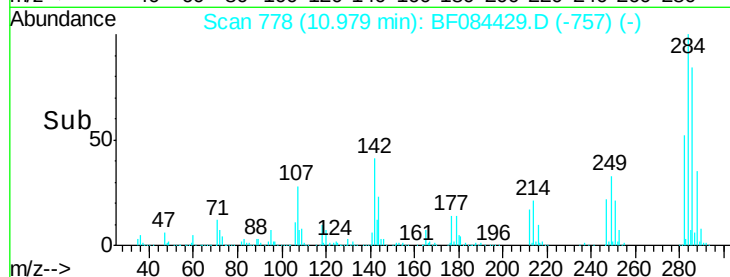
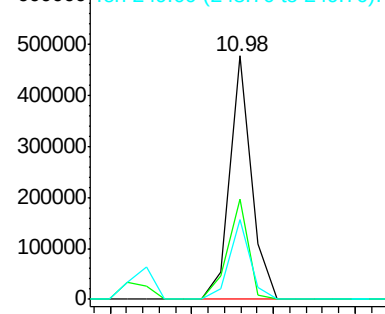
249 32.6 24.6 37.0



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: 54.60 ng

RT: 11.08 min Scan# 787

Delta R.T. -0.06 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

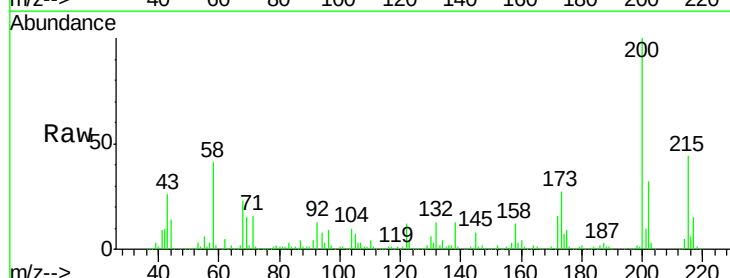
Tgt Ion:200 Resp: 456716

Ion Ratio Lower Upper

200 100

173 26.7 9.5 49.5

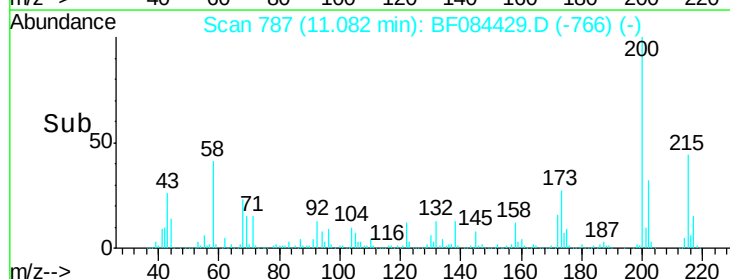
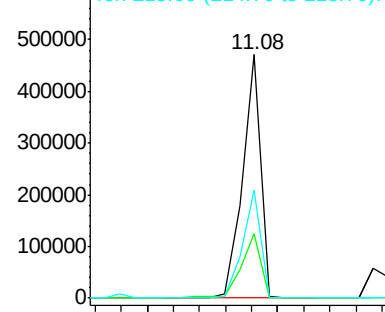
215 44.1 23.8 63.8

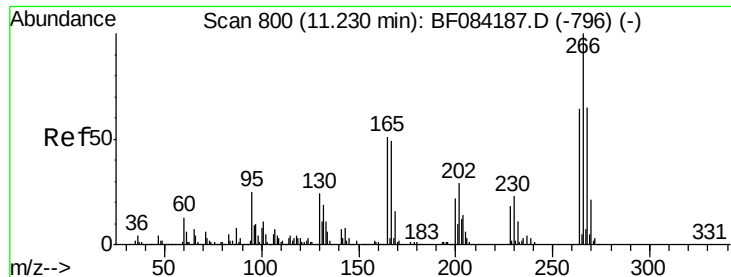


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

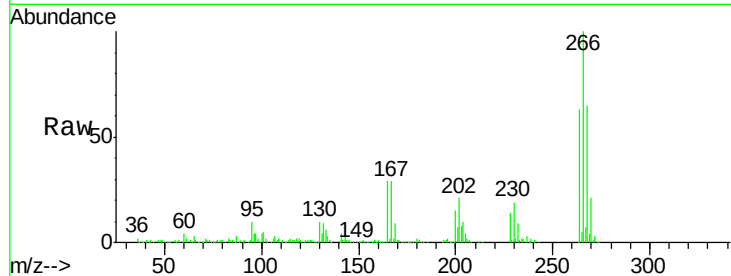




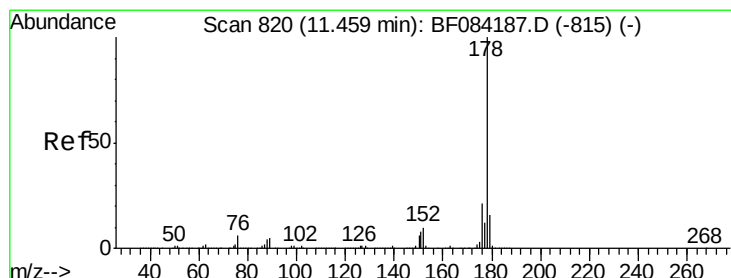
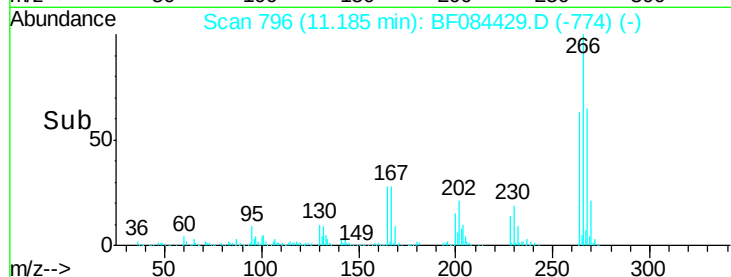
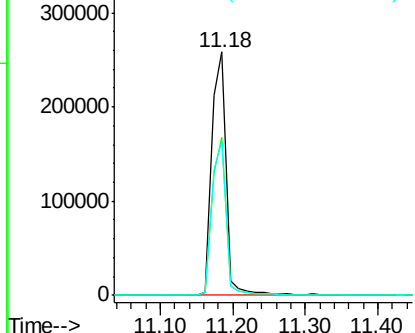
#69
 Pentachlorophenol
 Concen: 71.02 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.05 min
 Lab File: BF084429.D
 Acq: 13 Jan 2016 00:34

Instrument :
 BNA_F
 ClientSampleId :
 RX2MS

Tgt Ion:266 Resp: 356667
 Ion Ratio Lower Upper
 266 100
 268 65.1 52.4 78.6
 264 63.3 50.2 75.2

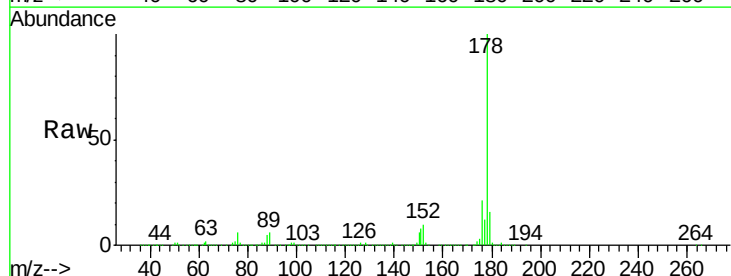


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

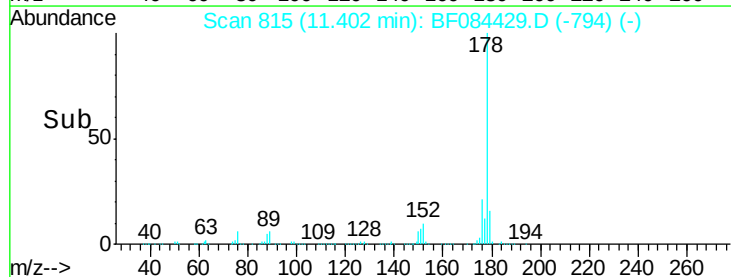
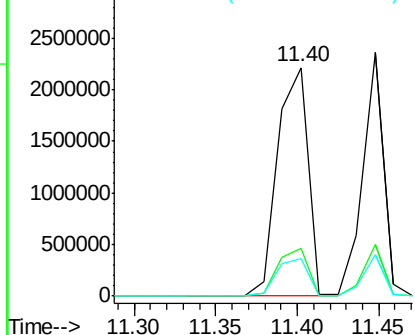


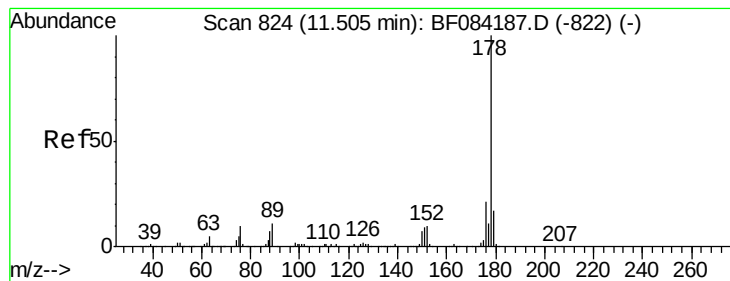
#70
 Phenanthrene
 Concen: 68.71 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.06 min
 Lab File: BF084429.D
 Acq: 13 Jan 2016 00:34

Tgt Ion:178 Resp: 2873476
 Ion Ratio Lower Upper
 178 100
 176 21.0 15.3 22.9
 179 16.2 12.0 18.0



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





#71

Anthracene

Concen: 51.77 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.06 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

Instrument :

BNA_F

ClientSampleId :

RX2MS

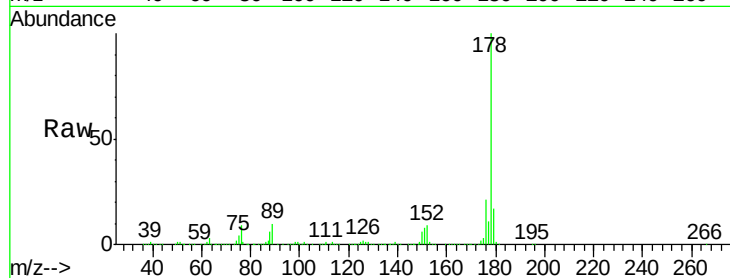
Tgt Ion:178 Resp: 2122294

Ion Ratio Lower Upper

178 100

176 21.0 15.4 23.0

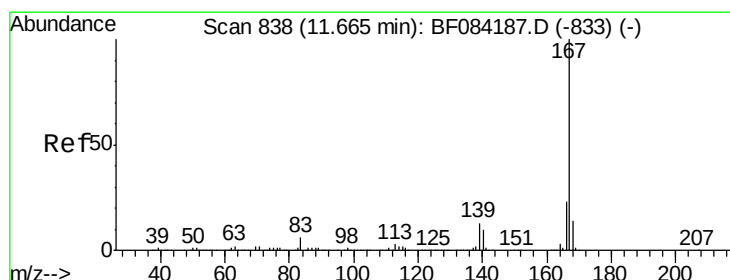
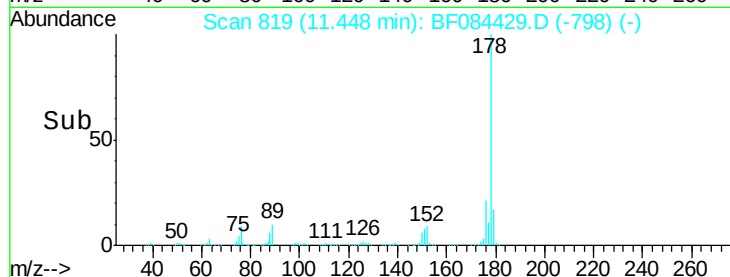
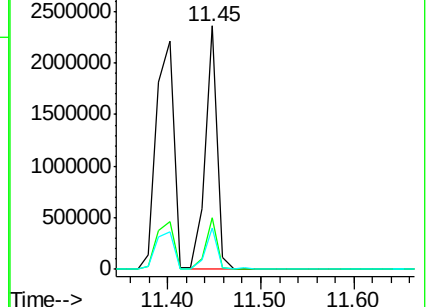
179 17.1 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 51.99 ng

RT: 11.61 min Scan# 833

Delta R.T. -0.06 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

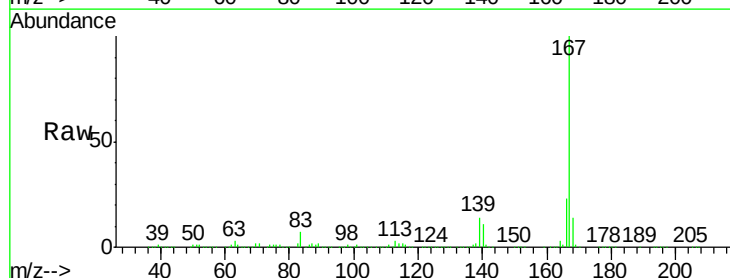
Tgt Ion:167 Resp: 2083534

Ion Ratio Lower Upper

167 100

166 23.4 17.6 26.4

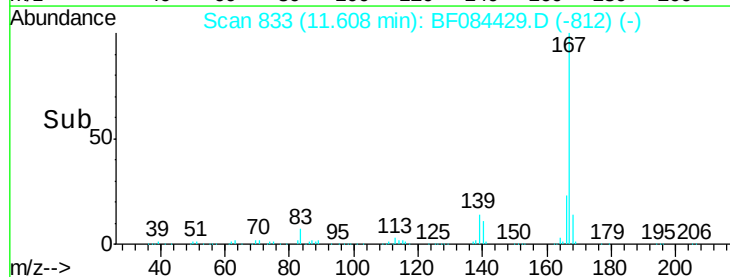
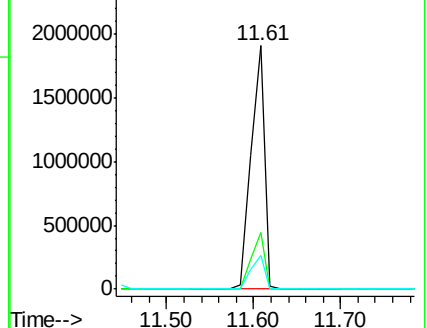
139 13.6 11.8 17.8

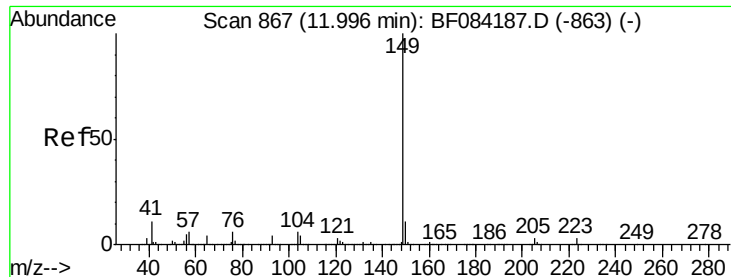


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 57.56 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.06 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

Instrument :

BNA_F

ClientSampleId :

RX2MS

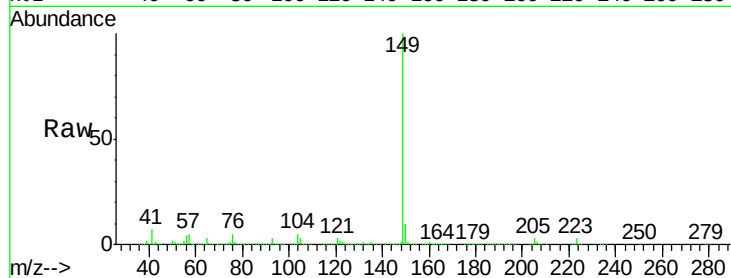
Tgt Ion:149 Resp: 2289020

Ion Ratio Lower Upper

149 100

150 10.4 7.1 10.7

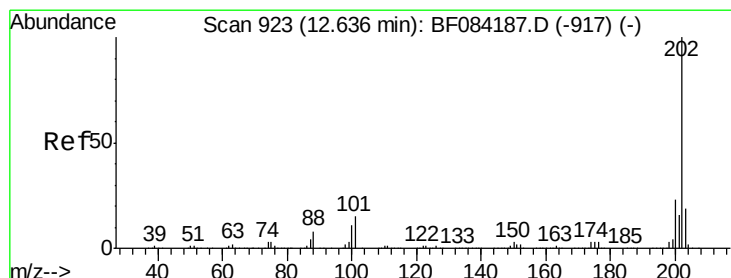
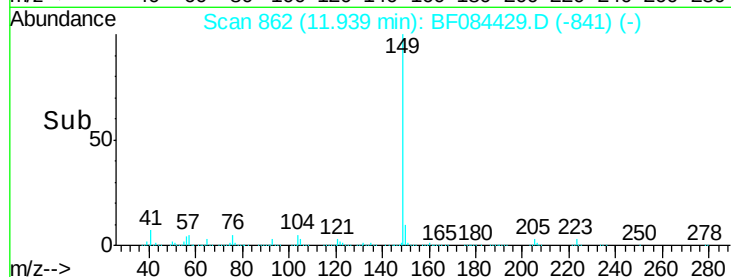
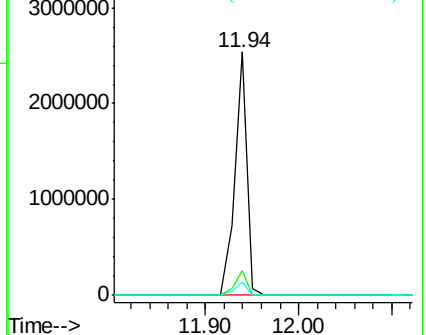
104 5.3 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.78 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.06 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

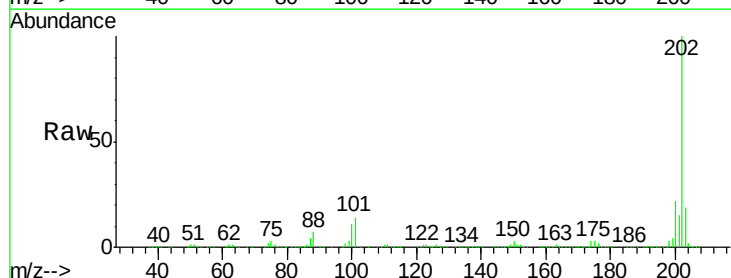
Tgt Ion:202 Resp: 1912744

Ion Ratio Lower Upper

202 100

101 14.3 0.0 32.8

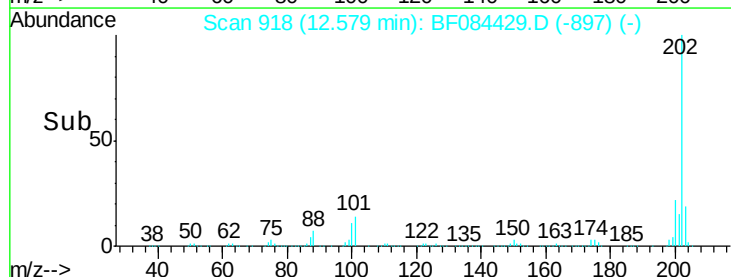
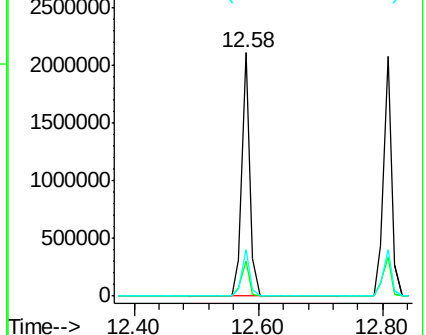
203 19.3 0.0 37.9

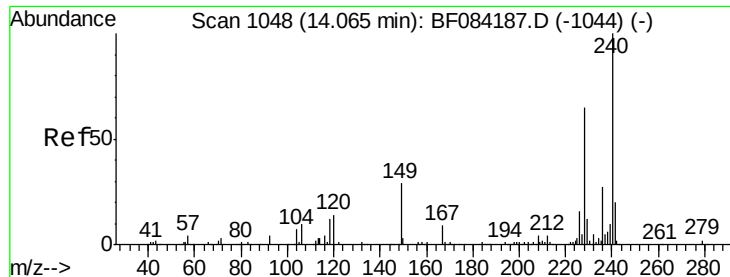


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

Instrument :

BNA_F

ClientSampleId :

RX2MS

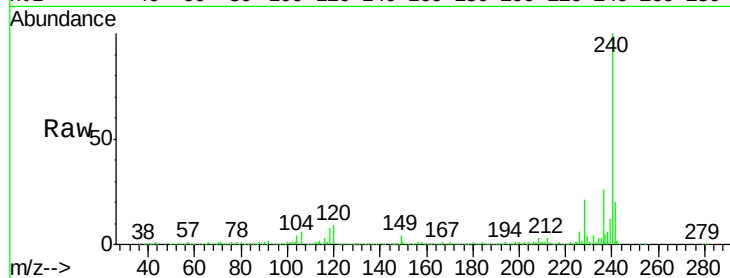
Tgt Ion:240 Resp: 505865

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

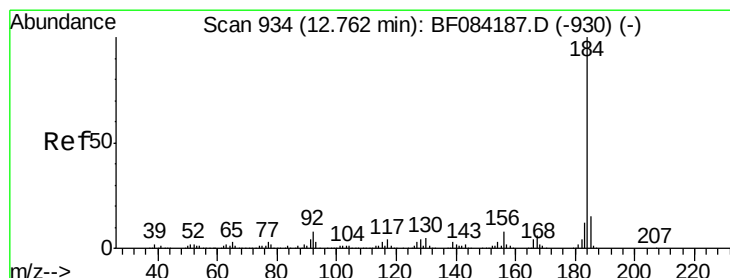
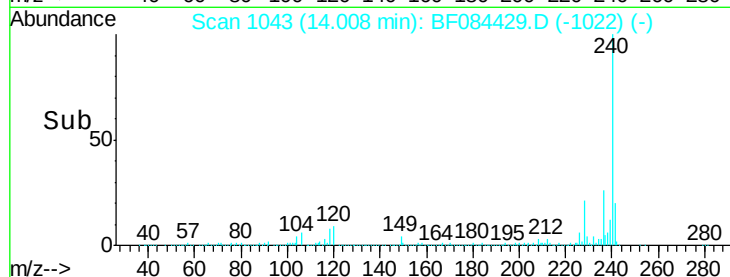
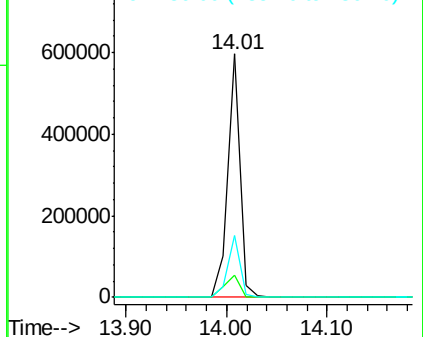
236 25.6 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.48 ng

RT: 12.71 min Scan# 929

Delta R.T. -0.06 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

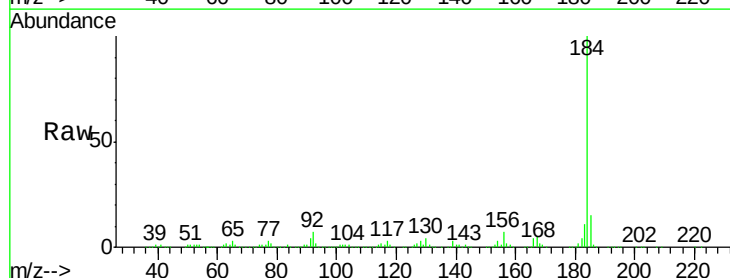
Tgt Ion:184 Resp: 643585

Ion Ratio Lower Upper

184 100

185 15.3 12.2 18.2

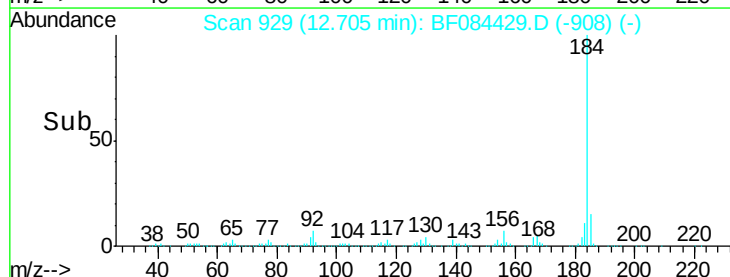
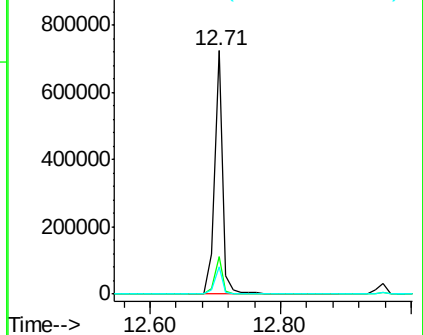
183 11.4 9.8 14.8

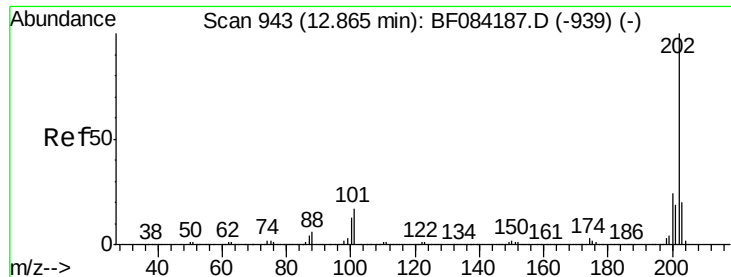


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

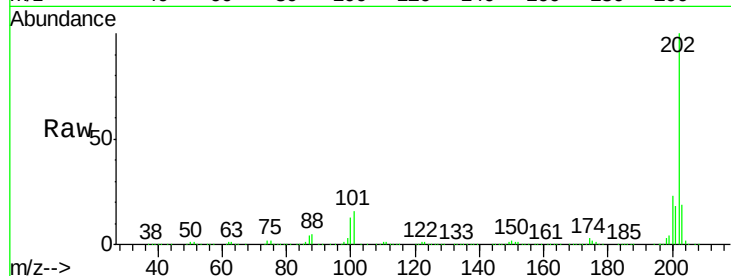




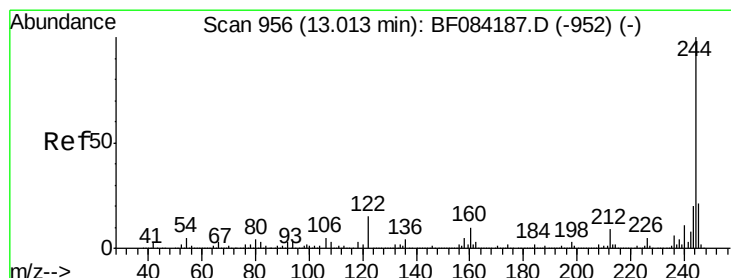
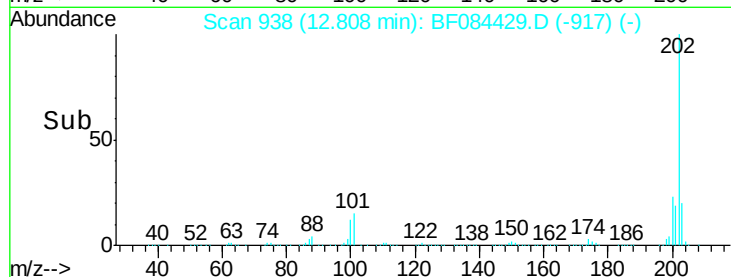
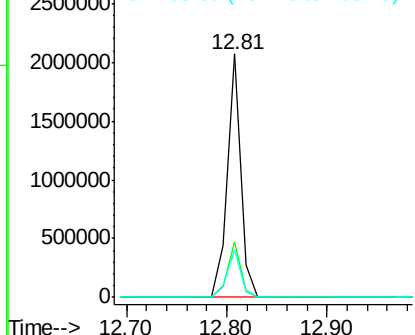
#77
 Pyrene
 Concen: 48.47 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.06 min
 Lab File: BF084429.D
 Acq: 13 Jan 2016 00:34

Instrument :
 BNA_F
 ClientSampled :
 RX2MS

Tgt Ion:202 Resp: 1924275
 Ion Ratio Lower Upper
 202 100
 200 23.0 17.2 25.8
 203 19.4 14.3 21.5

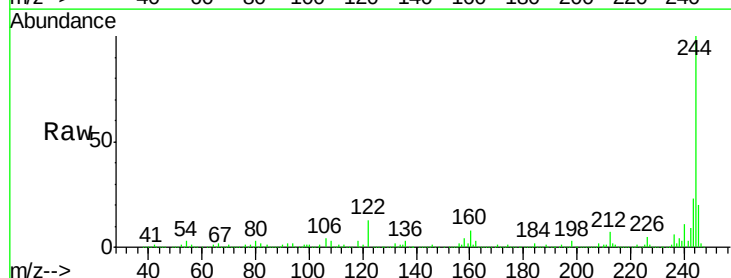


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

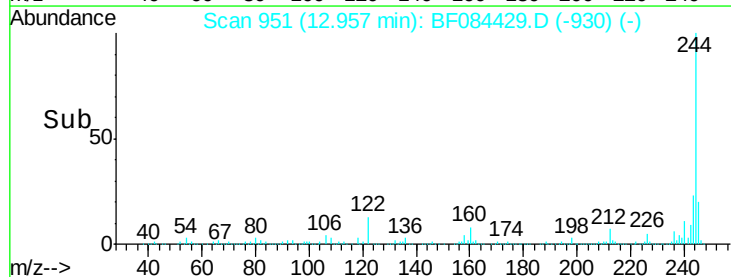
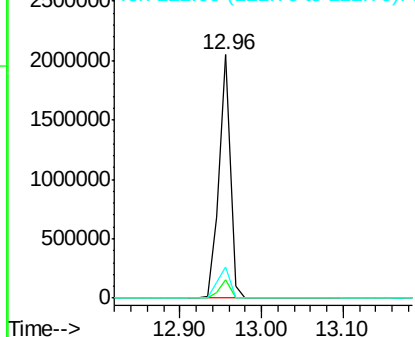


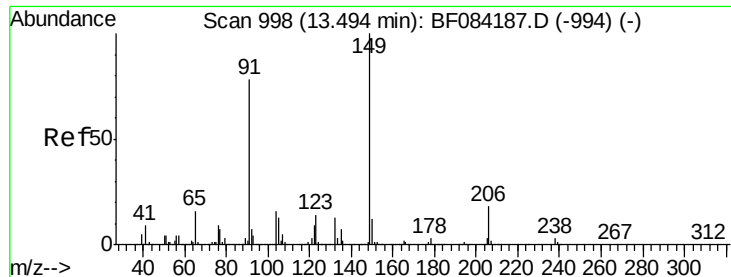
#78
 Terphenyl-d14
 Concen: 86.53 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.06 min
 Lab File: BF084429.D
 Acq: 13 Jan 2016 00:34

Tgt Ion:244 Resp: 1960874
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 12.8 7.4 11.0#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

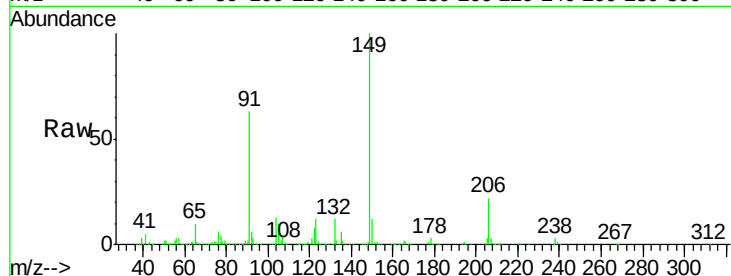




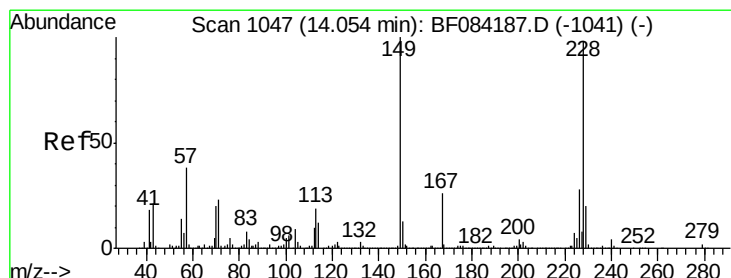
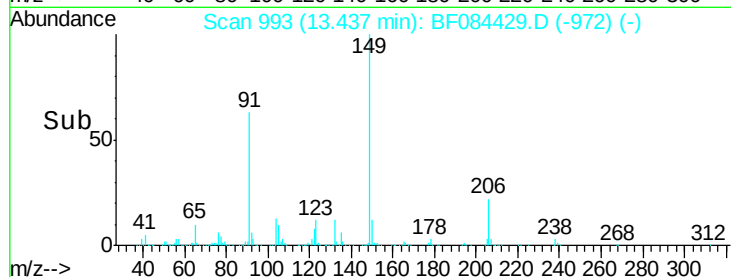
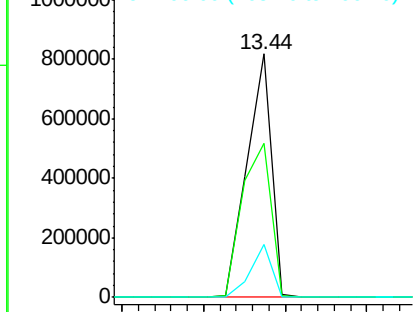
#79
Butylbenzylphthalate
Concen: 49.41 ng
RT: 13.44 min Scan# 993
Delta R.T. -0.06 min
Lab File: BF084429.D
Acq: 13 Jan 2016 00:34

Instrument :
BNA_F
ClientSampled :
RX2MS

Tgt Ion:149 Resp: 848775
Ion Ratio Lower Upper
149 100
91 63.0 57.6 86.4
206 22.0 13.2 19.8#

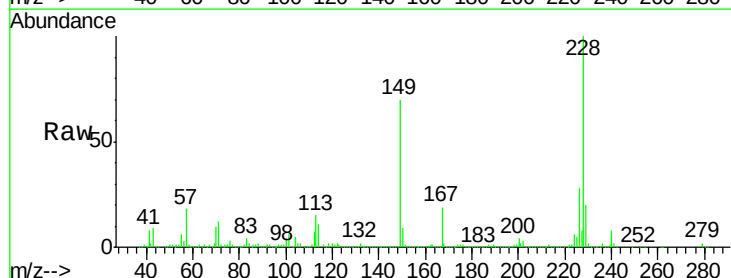


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

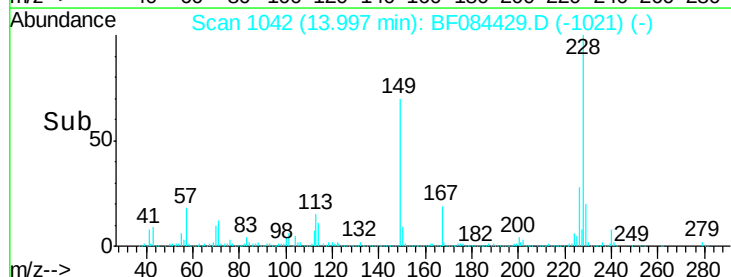
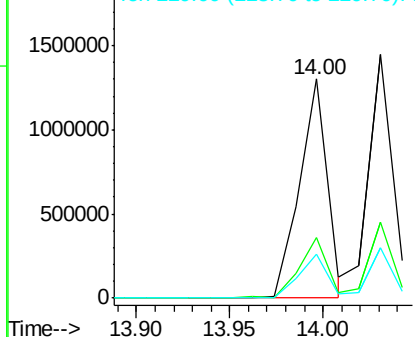


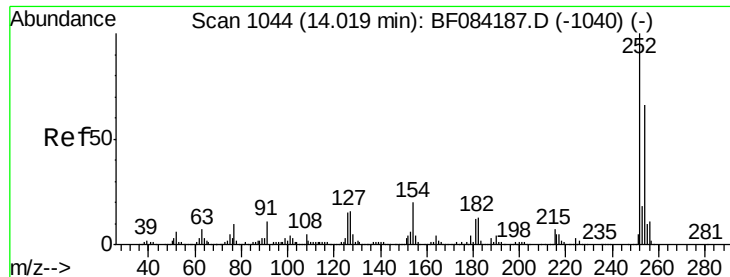
#80
Benzo(a)anthracene
Concen: 45.71 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.06 min
Lab File: BF084429.D
Acq: 13 Jan 2016 00:34

Tgt Ion:228 Resp: 1357613
Ion Ratio Lower Upper
228 100
226 27.8 21.8 32.6
229 20.2 15.8 23.8



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

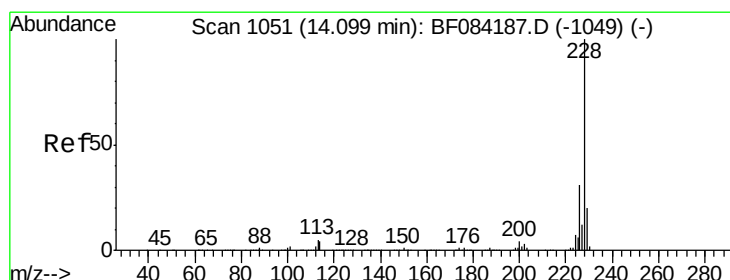
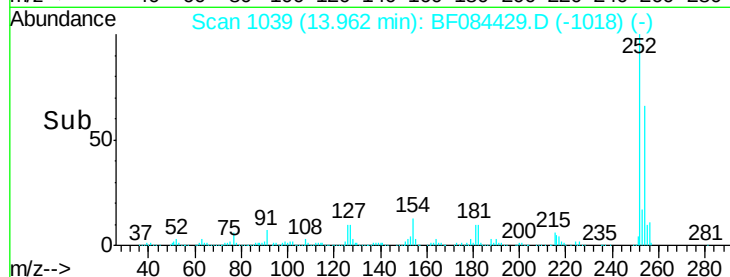
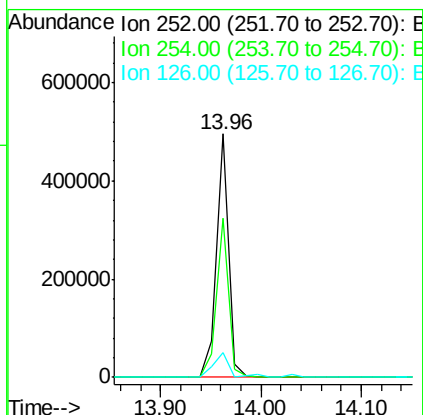
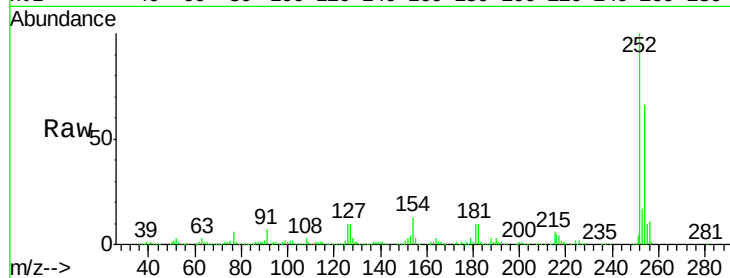




#81
 3,3'-Dichlorobenzidine
 Concen: 40.06 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.06 min
 Lab File: BF084429.D
 Acq: 13 Jan 2016 00:34

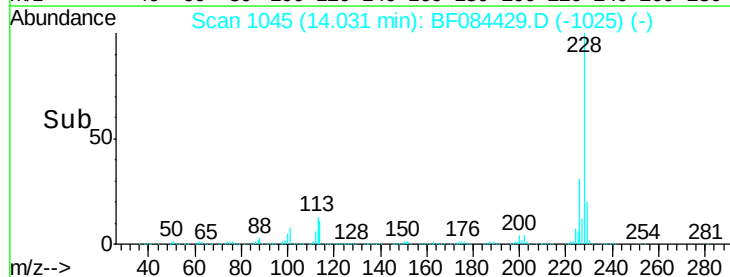
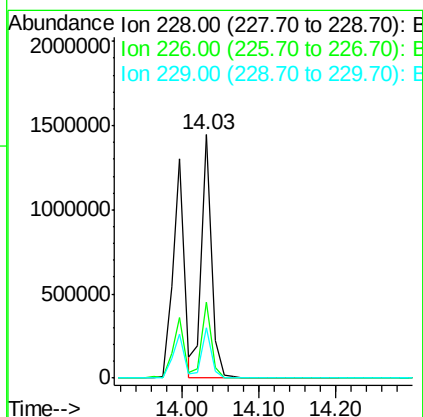
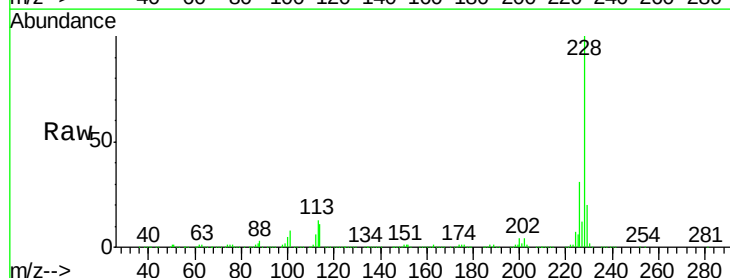
Instrument :
 BNA_F
 ClientSampleId :
 RX2MS

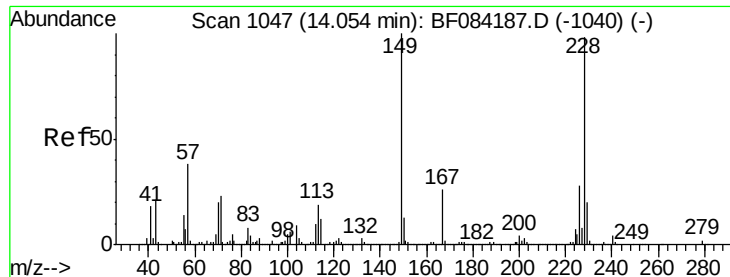
Tgt Ion:252 Resp: 415314
 Ion Ratio Lower Upper
 252 100
 254 65.6 53.5 80.3
 126 10.4 4.9 7.3#



#82
 Chrysene
 Concen: 45.56 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.07 min
 Lab File: BF084429.D
 Acq: 13 Jan 2016 00:34

Tgt Ion:228 Resp: 1300361
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.3 36.5
 229 20.4 16.1 24.1

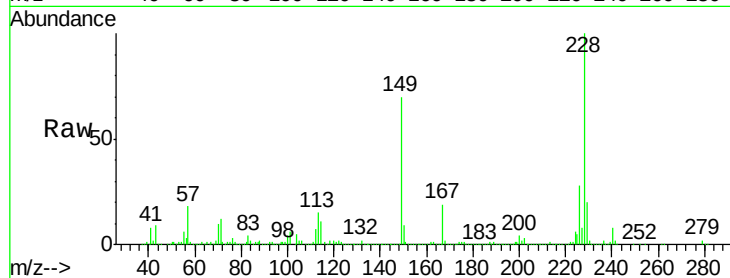




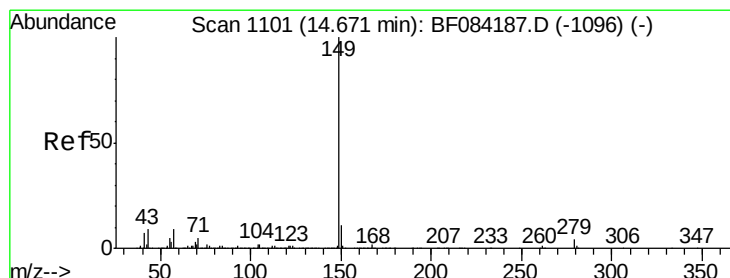
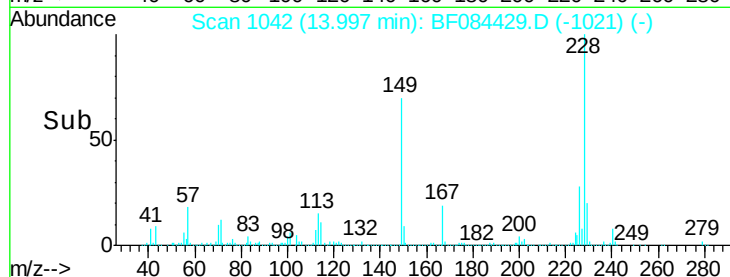
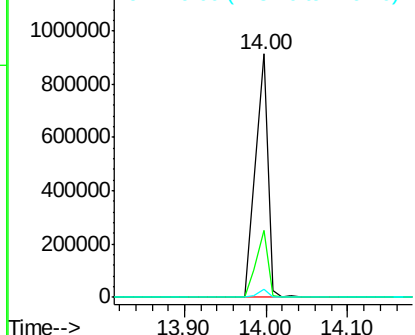
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.91 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.06 min
 Lab File: BF084429.D
 Acq: 13 Jan 2016 00:34

Instrument :
 BNA_F
 ClientSampleId :
 RX2MS

Tgt Ion:149 Resp: 952936
 Ion Ratio Lower Upper
 149 100
 167 27.5 19.7 29.5
 279 3.5 1.8 2.6#

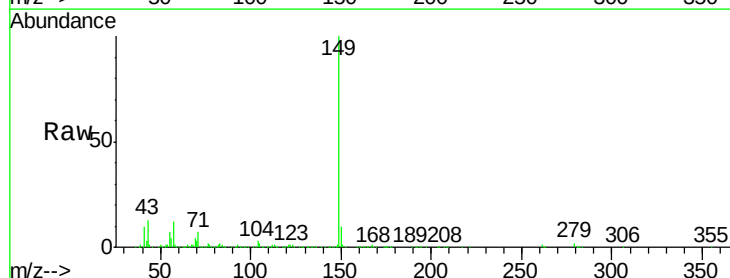


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

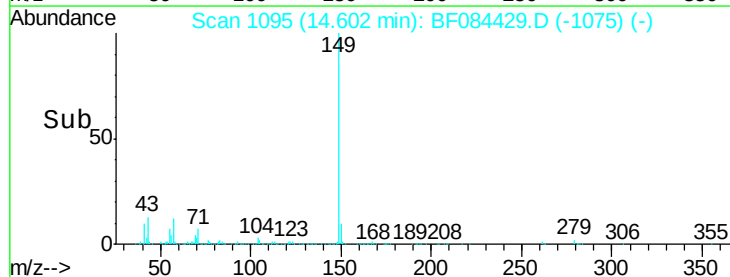
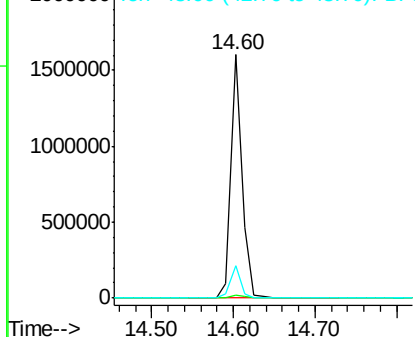


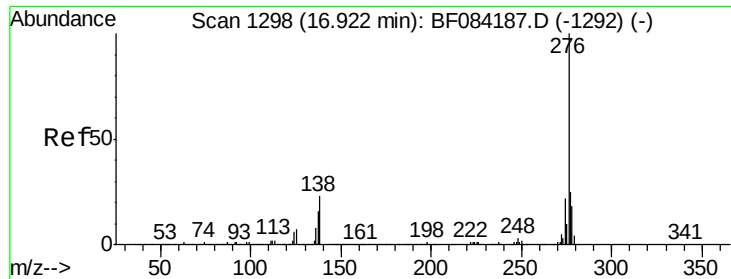
#84
 Di-n-octyl phthalate
 Concen: 41.31 ng
 RT: 14.60 min Scan# 1095
 Delta R.T. -0.07 min
 Lab File: BF084429.D
 Acq: 13 Jan 2016 00:34

Tgt Ion:149 Resp: 1513691
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 12.1 5.6 8.4#



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 67.17 ng

RT: 16.82 min Scan# 1289

Delta R.T. -0.10 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

Instrument :

BNA_F

ClientSampleId :

RX2MS

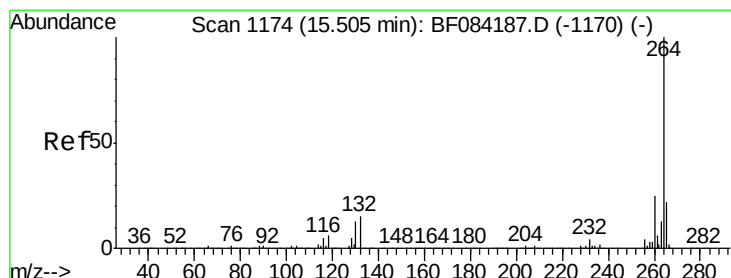
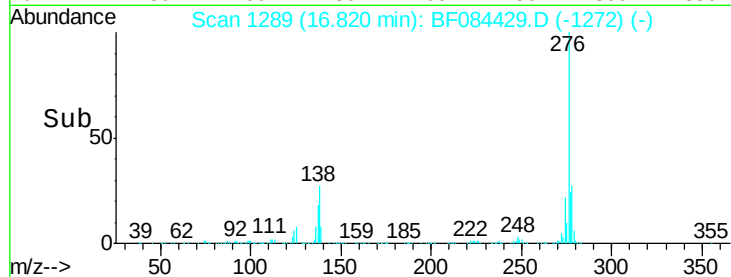
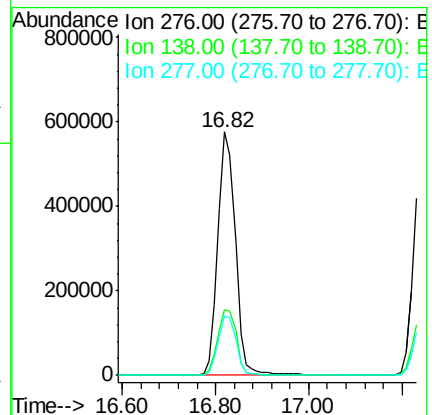
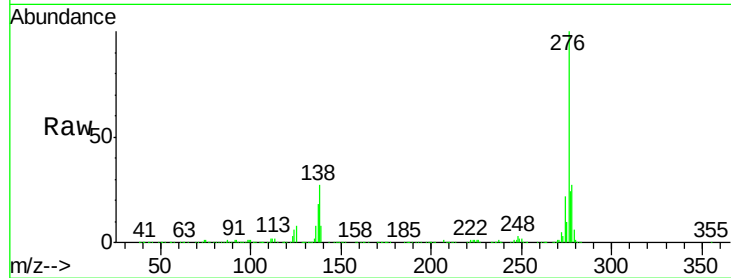
Tgt Ion:276 Resp: 1519814

Ion Ratio Lower Upper

276 100

138 29.1 20.6 30.8

277 25.2 20.1 30.1



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 1167

Delta R.T. -0.08 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

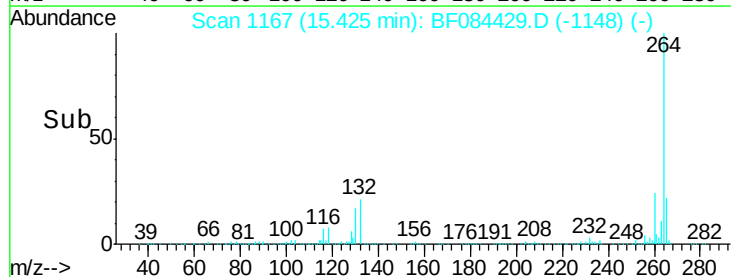
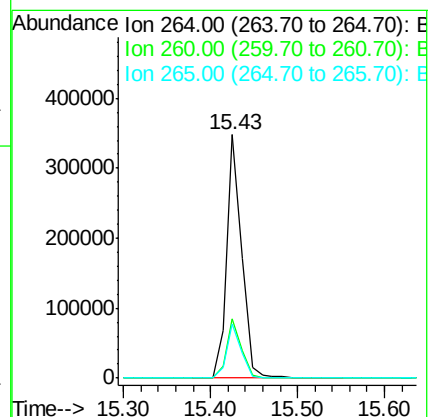
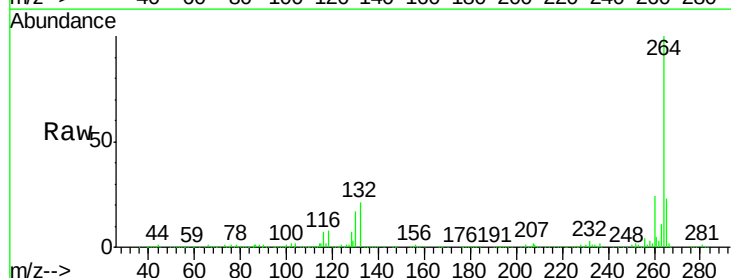
Tgt Ion:264 Resp: 423881

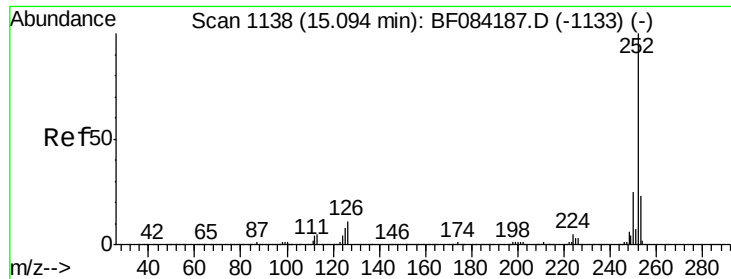
Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 22.5 17.8 26.6





#87

Benzo(b)fluoranthene

Concen: 88.37 ng

RT: 15.05 min Scan# 1134

Delta R.T. -0.05 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

Instrument :

BNA_F

ClientSampleId :

RX2MS

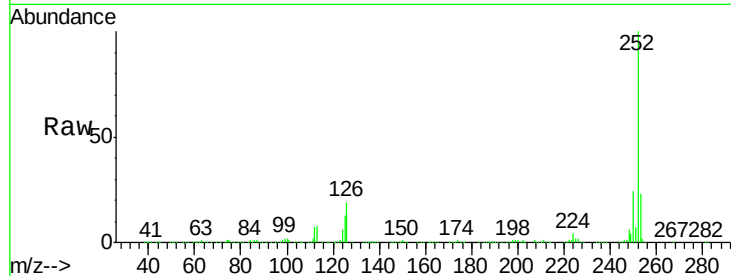
Tgt Ion:252 Resp: 2450283

Ion Ratio Lower Upper

252 100

253 23.3 17.3 25.9

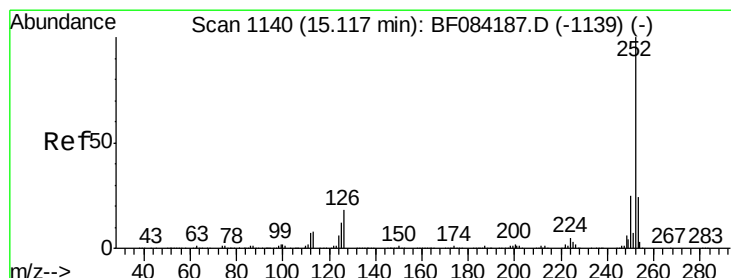
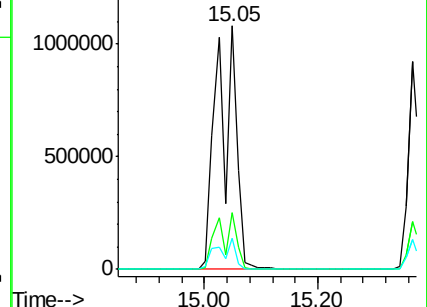
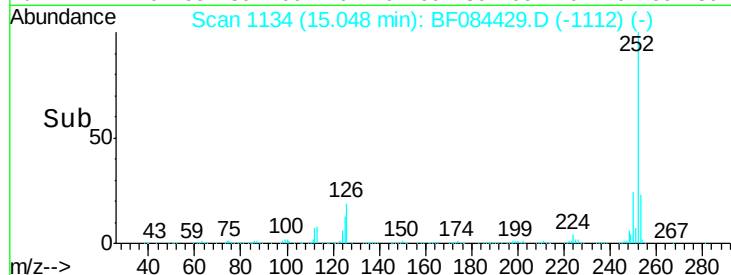
125 12.8 6.5 9.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 108.05 ng

RT: 15.05 min Scan# 1134

Delta R.T. -0.07 min

Lab File: BF084429.D

Acq: 13 Jan 2016 00:34

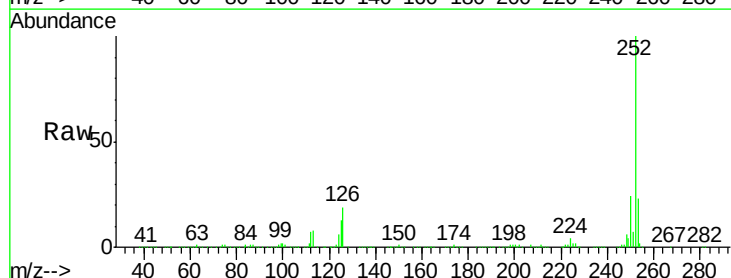
Tgt Ion:252 Resp: 2450283

Ion Ratio Lower Upper

252 100

253 23.3 18.1 27.1

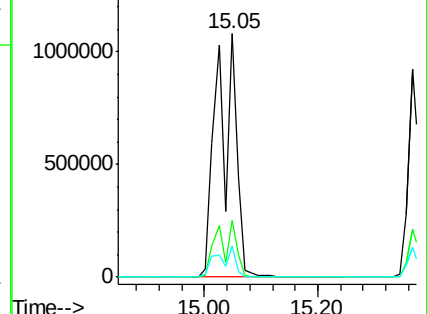
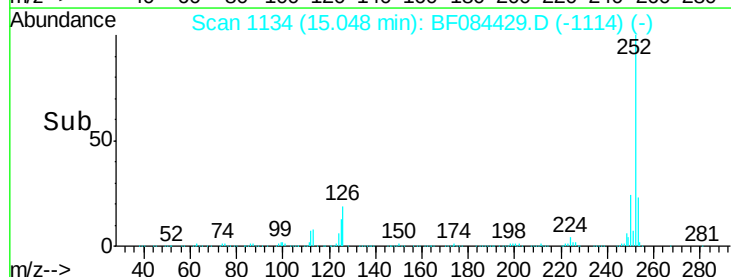
125 12.8 9.0 13.6

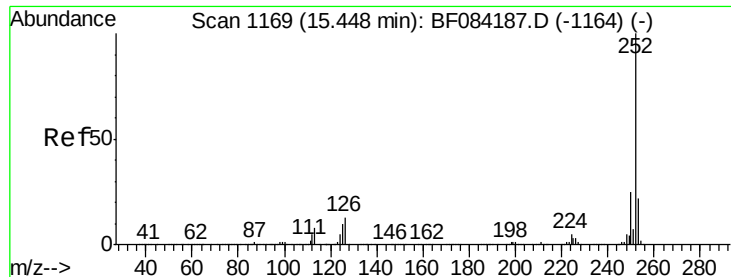


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

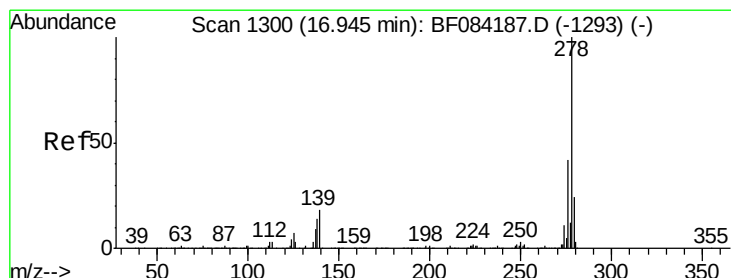
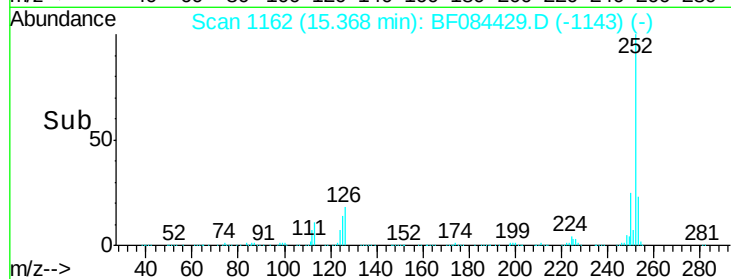
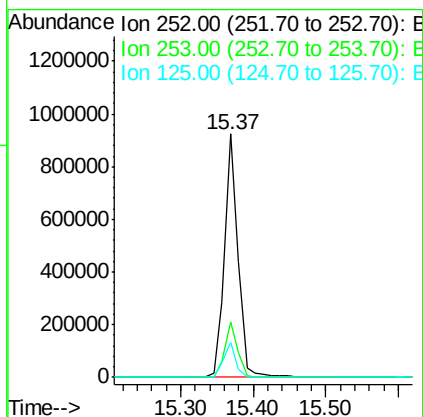
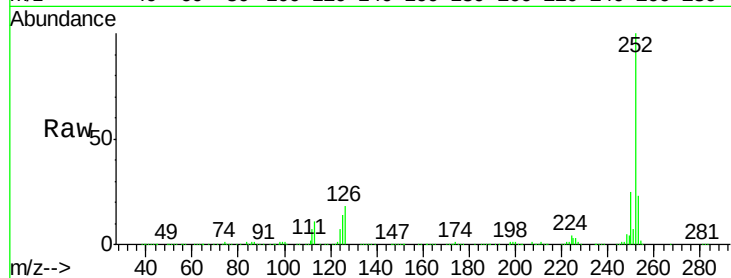




#89
Benzo(a)pyrene
Concen: 50.77 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.08 min
Lab File: BF084429.D
Acq: 13 Jan 2016 00:34

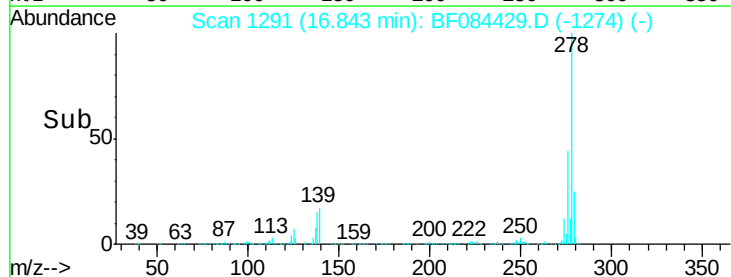
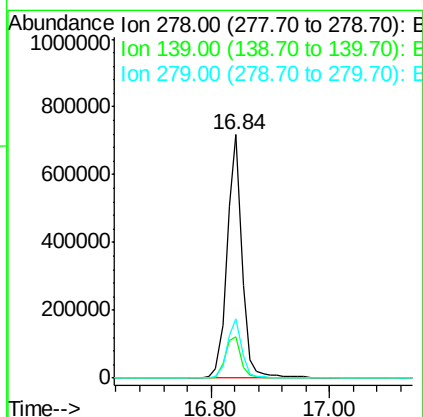
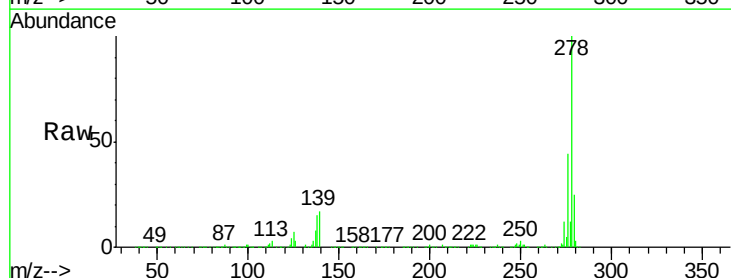
Instrument :
BNA_F
ClientSampleId :
RX2MS

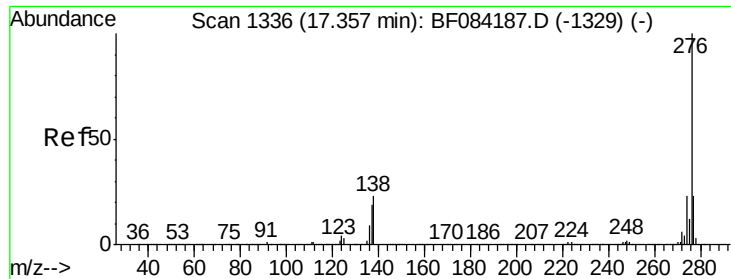
Tgt Ion:252 Resp: 1193988
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 14.2 7.0 10.4#



#90
Dibenzo(a,h)anthracene
Concen: 61.86 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.10 min
Lab File: BF084429.D
Acq: 13 Jan 2016 00:34

Tgt Ion:278 Resp: 1251839
Ion Ratio Lower Upper
278 100
139 16.9 15.0 22.4
279 24.5 18.9 28.3





#91
 Benzo(g,h,i)perylene
 Concen: 64.91 ng
 RT: 17.24 min Scan# 1326
 Delta R.T. -0.11 min
 Lab File: BF084429.D
 Acq: 13 Jan 2016 00:34

Instrument :
 BNA_F
 ClientSampleId :
 RX2MS

Tgt Ion: 276 Resp: 1360386
 Ion Ratio Lower Upper
 276 100
 277 24.1 18.8 28.2
 138 24.8 17.8 26.6

