

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
 Data File : BF085380.D
 Acq On : 11 Mar 2016 19:03
 Operator : UM/SJ
 Sample : H1753-20MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP2MSD

Quant Time: Mar 11 22:00:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	145973	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	553254	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	245076	20.00	ng	-0.05
63) Phenanthrene-d10	11.47	188	407246	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	246291	20.00	ng	-0.05
86) Perylene-d12	15.57	264	262651	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1076466	123.70	ng	-0.05
7) Phenol-d6	6.56	99	1443222	126.58	ng	-0.05
23) Nitrobenzene-d5	7.50	82	898396	86.89	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	280054	133.55	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	1408822	87.42	ng	-0.05
78) Terphenyl-d14	13.05	244	975848	91.98	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.61	88	128527	28.88	ng	99
3) Pyridine	3.36	79	392797	35.27	ng	97
4) n-Nitrosodimethylamine	3.30	42	189779	39.81	ng	98
6) Aniline	6.60	93	577145	36.12	ng	97
8) 2-Chlorophenol	6.72	128	463604	44.25	ng	93
9) Benzaldehyde	6.48	77	110946	17.34	ng	94
10) Phenol	6.58	94	514790	42.16	ng	96
11) bis(2-Chloroethyl)ether	6.68	93	435320	42.92	ng	94
12) 1,3-Dichlorobenzene	6.88	146	437149	38.86	ng	97
13) 1,4-Dichlorobenzene	6.95	146	436298	38.70	ng	98
14) 1,2-Dichlorobenzene	7.11	146	457161	44.70	ng	97
15) Benzyl Alcohol	7.08	79	366024	43.73	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.21	45	508346	34.77	ng	99
17) 2-Methylphenol	7.19	107	378599	44.29	ng	98
18) Hexachloroethane	7.45	117	171899	41.33	ng	98
19) n-Nitroso-di-n-propylamine	7.35	70	272538	36.68	ng	# 91
20) 3+4-Methylphenols	7.34	107	420490	41.53	ng	97
22) Acetophenone	7.35	105	582488	43.13	ng	# 97
24) Nitrobenzene	7.52	77	490320	46.68	ng	97
25) Isophorone	7.76	82	850541	44.39	ng	97
26) 2-Nitrophenol	7.84	139	242253	47.40	ng	95
27) 2,4-Dimethylphenol	7.88	122	443573	47.49	ng	96
28) bis(2-Chloroethoxy)methane	7.97	93	476464	44.65	ng	98
29) 2,4-Dichlorophenol	8.08	162	360173	47.81	ng	97
30) 1,2,4-Trichlorobenzene	8.16	180	349641	42.93	ng	100
31) Naphthalene	8.24	128	1193415	43.87	ng	99
32) Benzoic acid	7.88	122	443573	71.50	ng	# 13
33) 4-Chloroaniline	8.29	127	362352	32.93	ng	100
34) Hexachlorobutadiene	8.37	225	194198	45.82	ng	98
35) Caprolactam	8.65	113	106233	43.18	ng	94
36) 4-Chloro-3-methylphenol	8.78	107	378380	44.28	ng	# 84
37) 2-Methylnaphthalene	8.94	142	829359	47.51	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	312664	44.61	ng	98
40) Hexachlorocyclopentadiene	9.10	237	260905	69.02	ng	96

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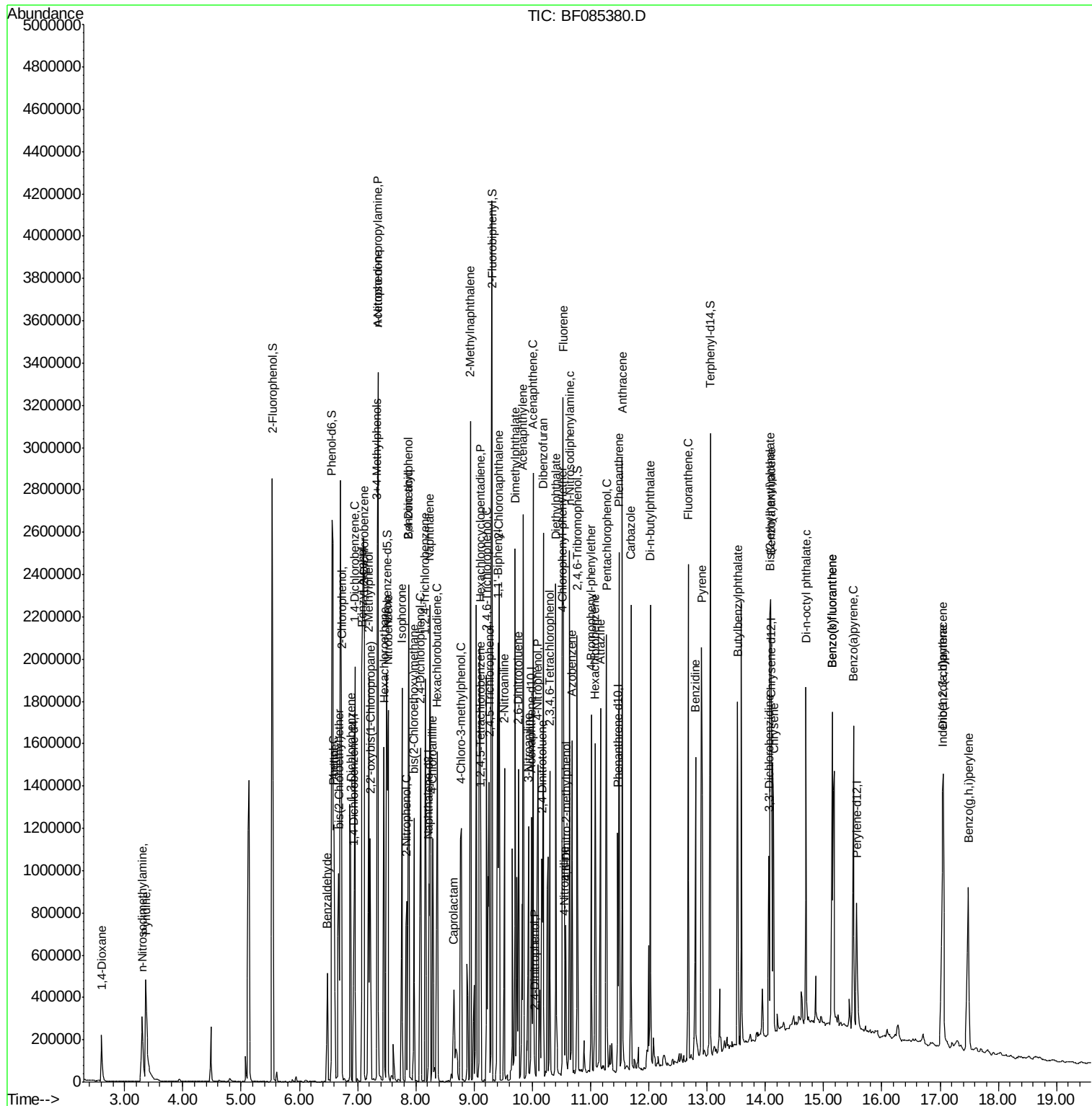
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	231906	44.45	ng	97
43) 2,4,5-Trichlorophenol	9.26	196	248897	50.31	ng	# 92
45) 1,1'-Biphenyl	9.41	154	933919	44.60	ng	92
46) 2-Chloronaphthalene	9.43	162	728299	45.63	ng	97
47) 2-Nitroaniline	9.52	65	240932	48.72	ng	# 83
48) Acenaphthylene	9.84	152	1050230	42.28	ng	99
49) Dimethylphthalate	9.70	163	999889	53.15	ng	99
50) 2,6-Dinitrotoluene	9.76	165	162073	40.28	ng	# 80
51) Acenaphthene	10.01	154	623600	41.35	ng	99
52) 3-Nitroaniline	9.93	138	205404	42.66	ng	94
53) 2,4-Dinitrophenol	10.04	184	14030	14.21	ng	# 49
54) Dibenzofuran	10.18	168	913085	46.21	ng	98
55) 4-Nitrophenol	10.09	139	319968	84.57	ng	92
56) 2,4-Dinitrotoluene	10.16	165	217796	42.29	ng	# 76
57) Fluorene	10.53	166	670404	43.19	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.30	232	163808	47.14	ng	99
59) Diethylphthalate	10.40	149	800977	43.88	ng	97
60) 4-Chlorophenyl-phenylether	10.52	204	323688	42.86	ng	# 87
61) 4-Nitroaniline	10.55	138	195013	43.31	ng	83
62) Azobenzene	10.68	77	823664	45.80	ng	94
64) 4,6-Dinitro-2-methylphenol	10.57	198	74316	30.48	ng	# 68
65) n-Nitrosodiphenylamine	10.64	169	662143	52.27	ng	98
66) 4-Bromophenyl-phenylether	11.01	248	184336	46.62	ng	# 79
67) Hexachlorobenzene	11.08	284	180417	42.77	ng	# 75
68) Atrazine	11.17	200	210501	59.76	ng	97
69) Pentachlorophenol	11.27	266	192702	82.29	ng	98
70) Phenanthrene	11.49	178	1220672	57.19	ng	99
71) Anthracene	11.55	178	1093108	48.25	ng	100
72) Carbazole	11.69	167	843448	42.45	ng	98
73) Di-n-butylphthalate	12.03	149	1075458	42.82	ng	99
74) Fluoranthene	12.68	202	1021104	47.67	ng	96
76) Benzidine	12.80	184	556956	75.98	ng	99
77) Pyrene	12.91	202	1008223	54.39	ng	99
79) Butylbenzylphthalate	13.52	149	363180	43.18	ng	96
80) Benzo(a)anthracene	14.09	228	696647	47.25	ng	100
81) 3,3'-Dichlorobenzidine	14.06	252	178951	38.47	ng	# 97
82) Chrysene	14.14	228	637750	46.82	ng	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	480629	43.42	ng	98
84) Di-n-octyl phthalate	14.70	149	835747	49.58	ng	99
85) Indeno(1,2,3-cd)pyrene	17.04	276	806556	75.88	ng	98
87) Benzo(b)fluoranthene	15.15	252	1397242	79.81	ng	98
88) Benzo(k)fluoranthene	15.15	252	1397242	98.95	ng	99
89) Benzo(a)pyrene	15.51	252	703628	48.50	ng	# 97
90) Dibenzo(a,h)anthracene	17.05	278	640631	51.73	ng	100
91) Benzo(g,h,i)perylene	17.49	276	681992	54.77	ng	96

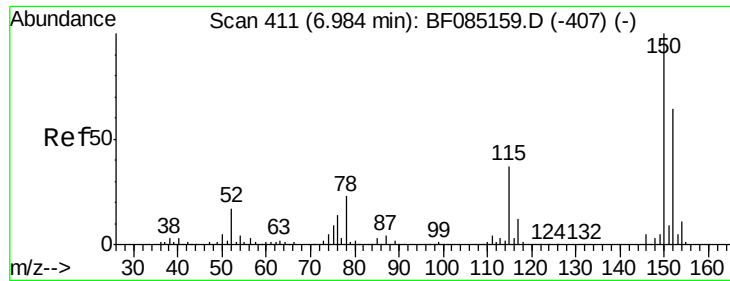
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

Instrument :

BNA_F

ClientSampleId :

TEC-COMP2MSD

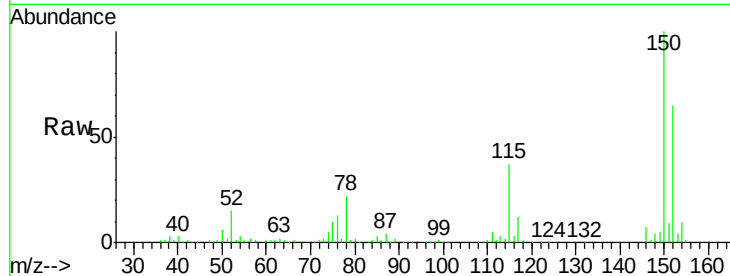
Tgt Ion:152 Resp: 145973

Ion Ratio Lower Upper

152 100

150 154.2 124.6 186.8

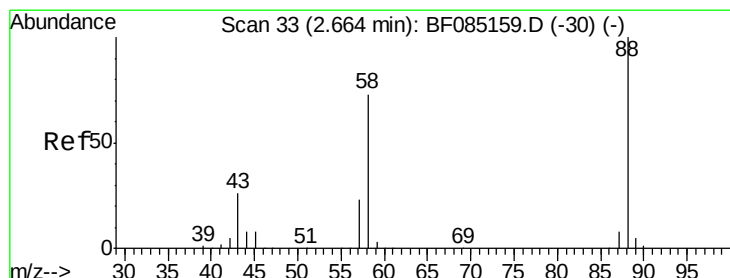
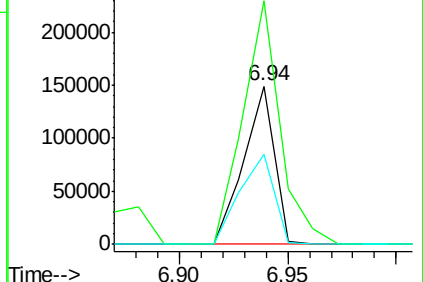
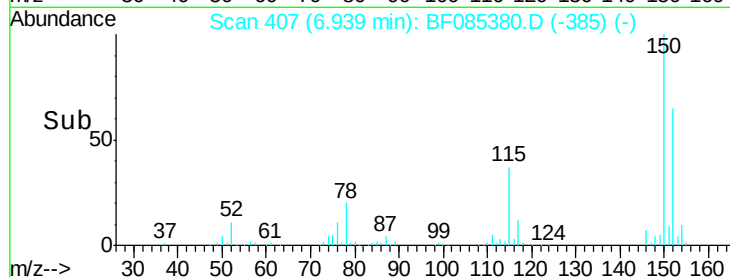
115 56.9 46.6 70.0



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: 28.88 ng

RT: 2.61 min Scan# 28

Delta R.T. -0.06 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

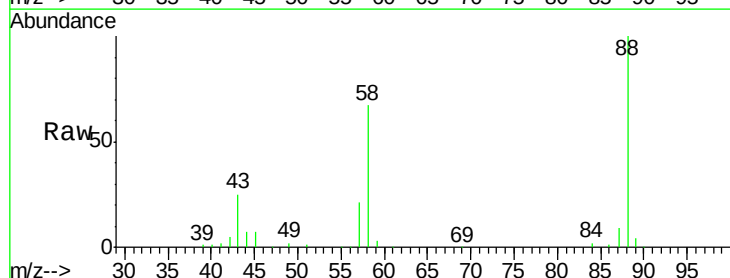
Tgt Ion: 88 Resp: 128527

Ion Ratio Lower Upper

88 100

58 70.4 57.0 85.6

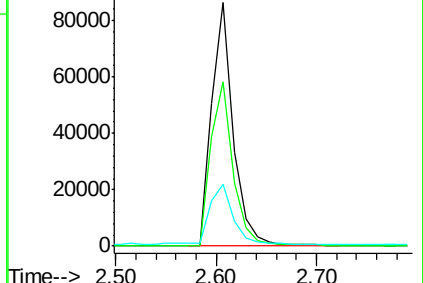
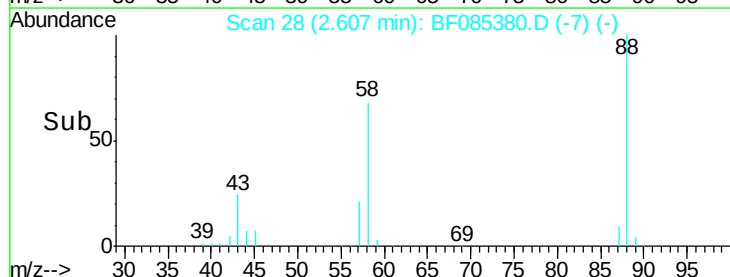
43 26.2 20.5 30.7

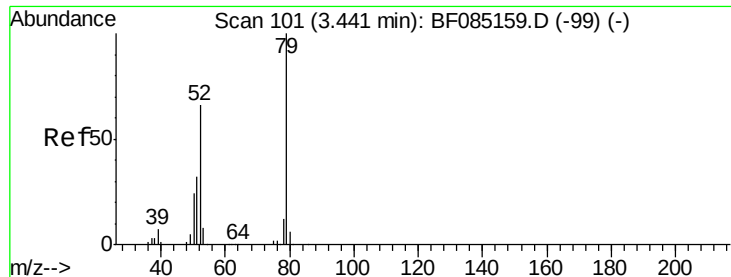


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

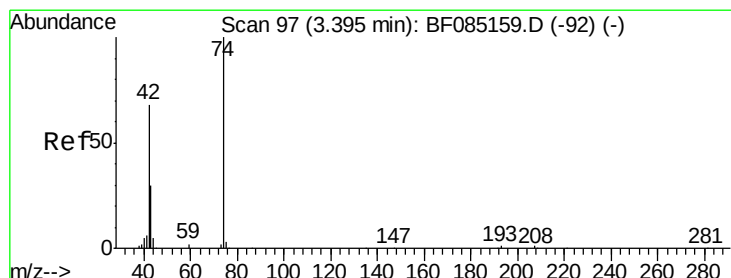
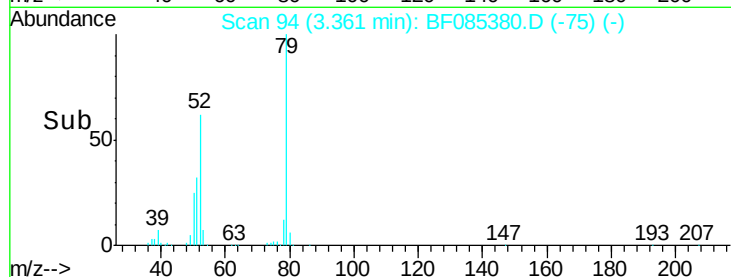
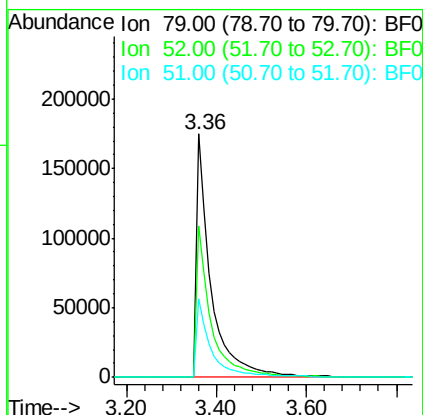
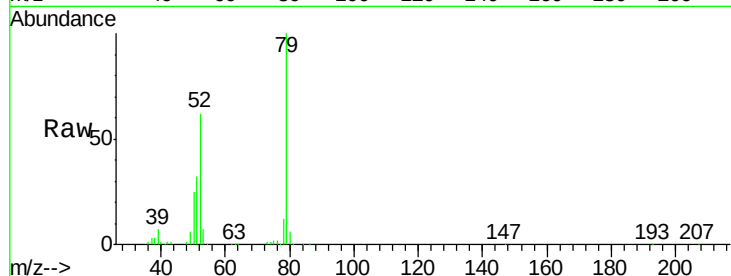




#3
 Pyridine
 Concen: 35.27 ng
 RT: 3.36 min Scan# 94
 Delta R.T. -0.08 min
 Lab File: BF085380.D
 Acq: 11 Mar 2016 19:03

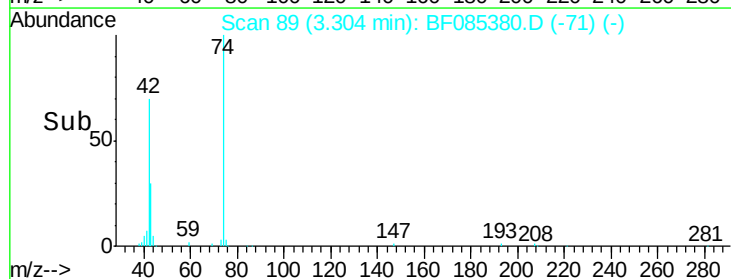
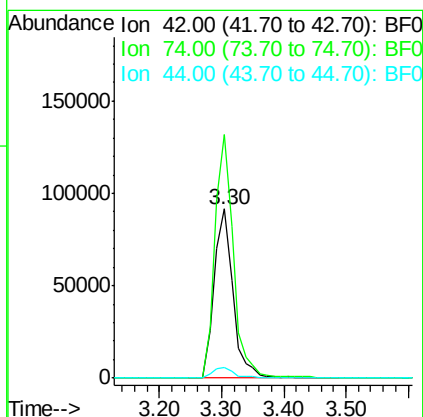
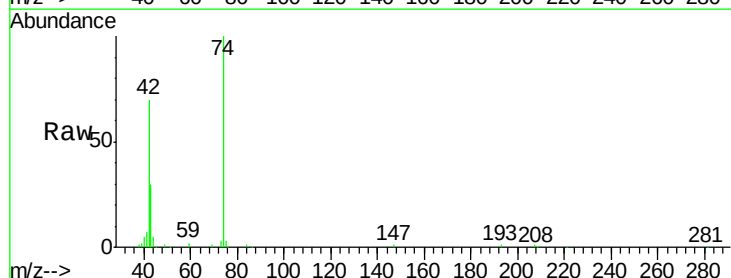
Instrument :
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 ClientSampleId :
 TEC-COMP2MSD

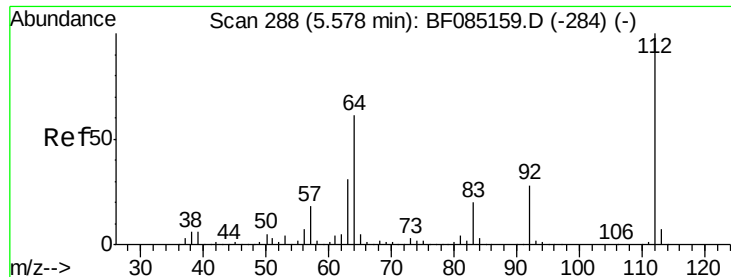
Tgt Ion: 79 Resp: 392797
 Ion Ratio Lower Upper
 79 100
 52 62.4 52.6 79.0
 51 32.1 25.8 38.8



#4
 n-Nitrosodimethylamine
 Concen: 39.81 ng
 RT: 3.30 min Scan# 89
 Delta R.T. -0.09 min
 Lab File: BF085380.D
 Acq: 11 Mar 2016 19:03

Tgt Ion: 42 Resp: 189779
 Ion Ratio Lower Upper
 42 100
 74 143.8 116.8 175.2
 44 6.6 5.5 8.3





#5

2-Fluorophenol

Concen: 123.70 ng

RT: 5.53 min Scan# 284

Delta R.T. -0.05 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

Instrument :

BNA_F

ClientSampleId :

TEC-COMP2MSD

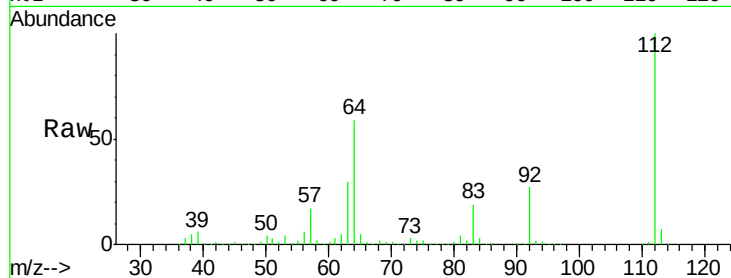
Tgt Ion: 112 Resp: 1076466

Ion Ratio Lower Upper

112 100

64 58.5 49.0 73.4

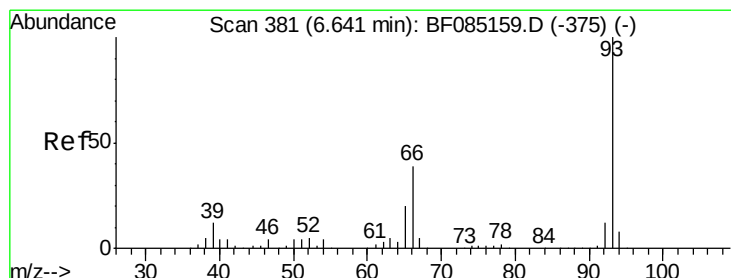
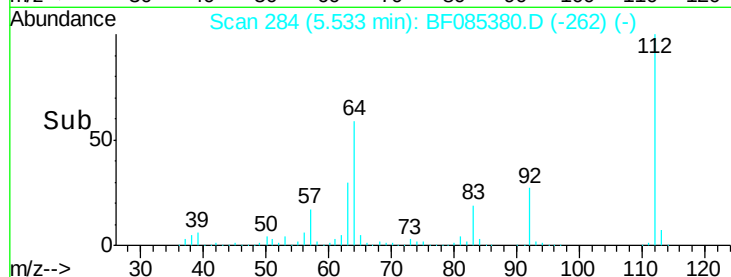
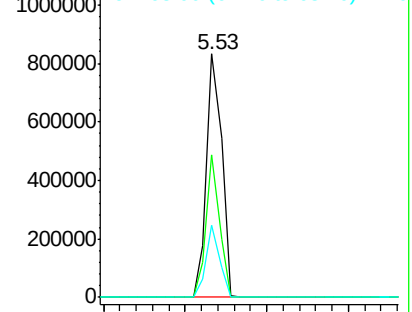
63 29.6 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 36.12 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

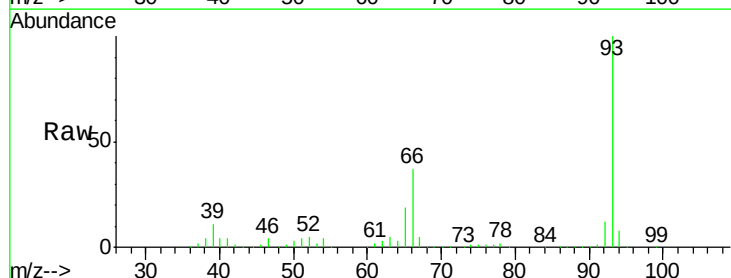
Tgt Ion: 93 Resp: 577145

Ion Ratio Lower Upper

93 100

66 37.4 31.6 47.4

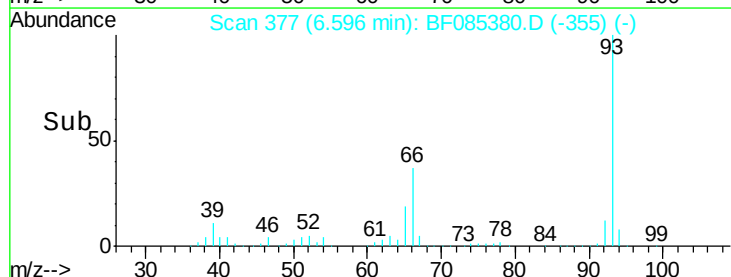
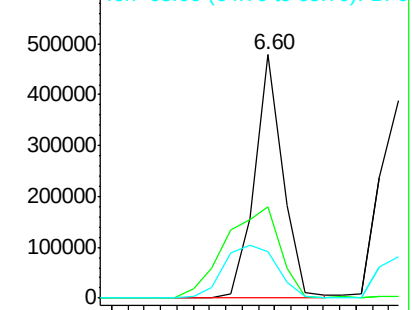
65 19.0 15.8 23.8

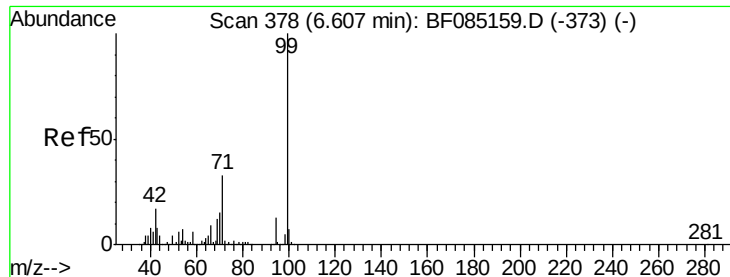


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.58 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

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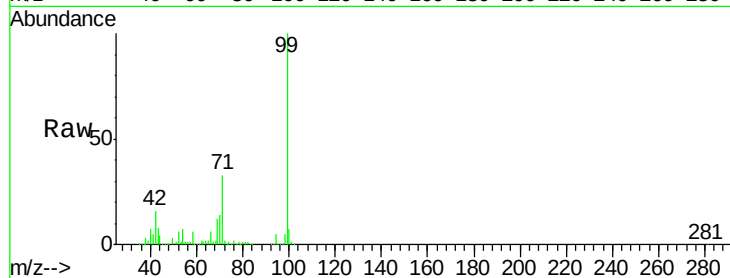
Tgt Ion: 99 Resp: 1443222

Ion Ratio Lower Upper

99 100

42 16.2 13.6 20.4

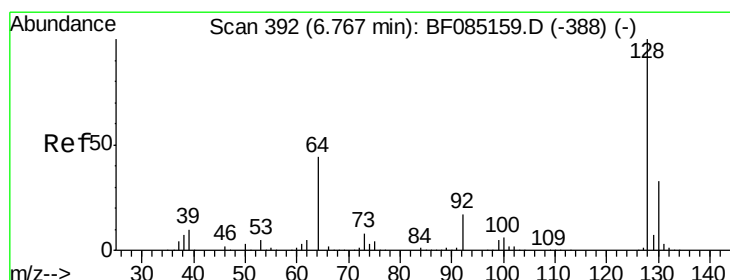
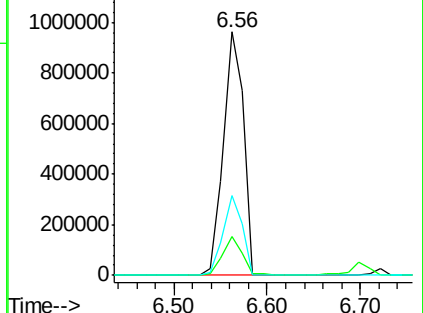
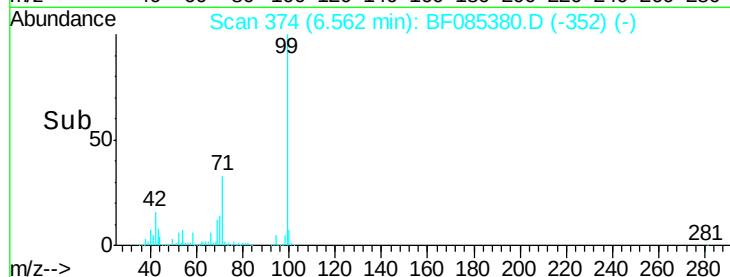
71 32.9 26.7 40.1



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: 44.25 ng

RT: 6.72 min Scan# 388

Delta R.T. -0.05 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

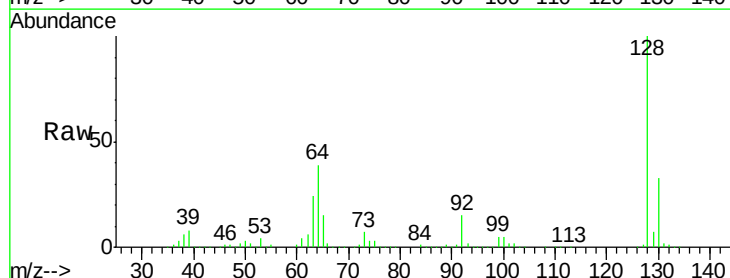
Tgt Ion: 128 Resp: 463604

Ion Ratio Lower Upper

128 100

130 32.9 13.3 53.3

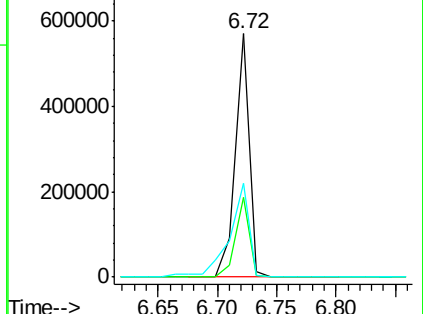
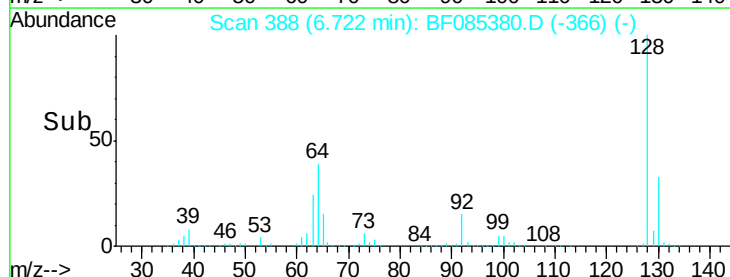
64 38.6 25.7 65.7

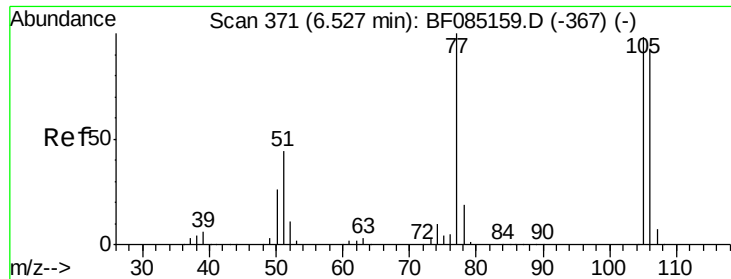


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 17.34 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.05 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

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ClientSampleId :

TEC-COMP2MSD

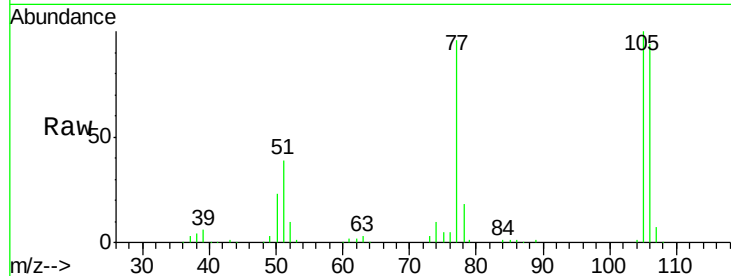
Tgt Ion: 77 Resp: 110946

Ion Ratio Lower Upper

77 100

105 104.1 78.2 118.2

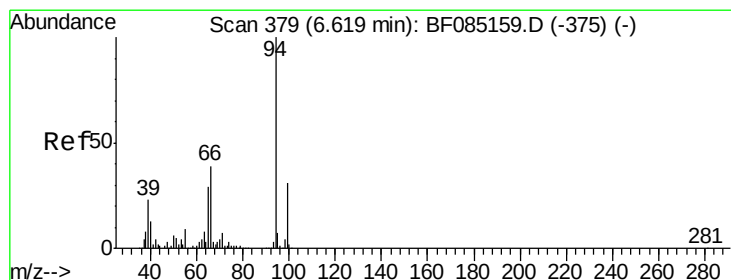
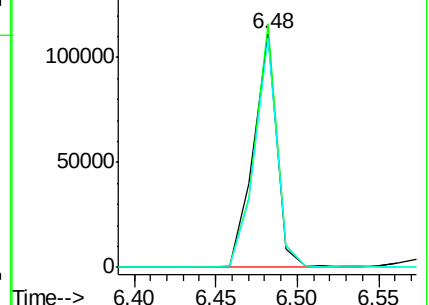
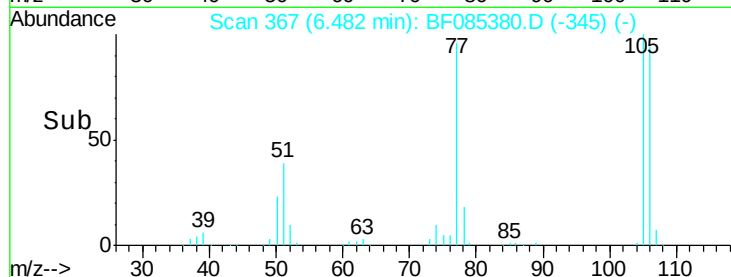
106 97.9 72.9 112.9



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: 42.16 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

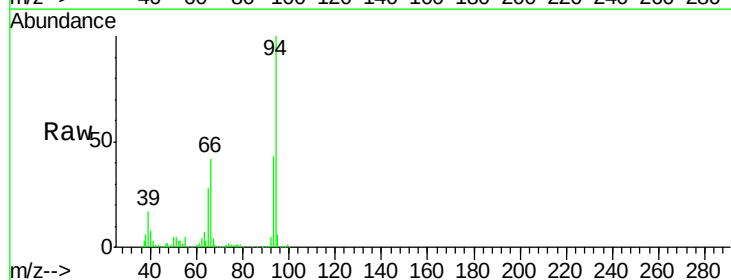
Tgt Ion: 94 Resp: 514790

Ion Ratio Lower Upper

94 100

65 28.1 9.1 49.1

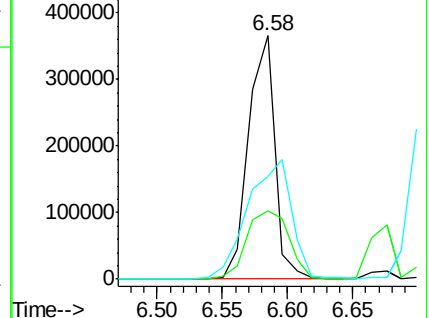
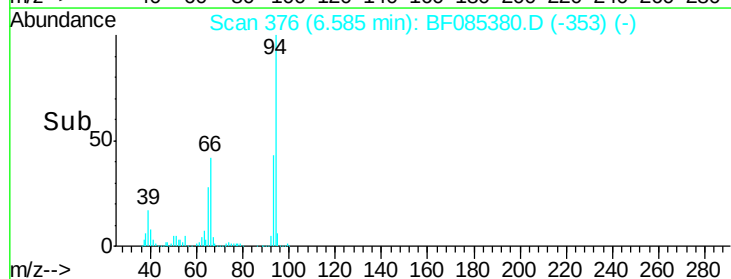
66 42.4 19.3 59.3

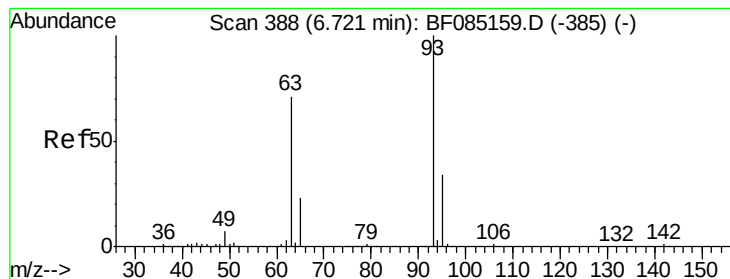


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.92 ng

RT: 6.68 min Scan# 384

Delta R.T. -0.05 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

Instrument :

BNA_F

ClientSampleId :

TEC-COMP2MSD

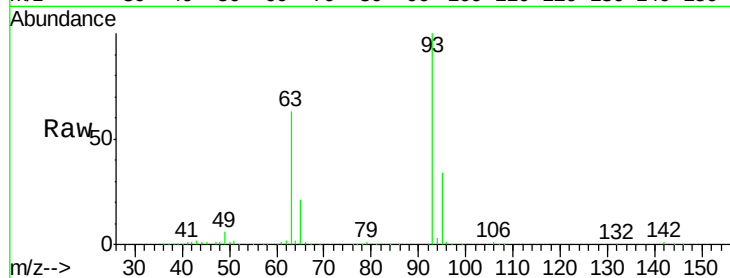
Tgt Ion: 93 Resp: 435320

Ion Ratio Lower Upper

93 100

63 63.5 50.9 90.9

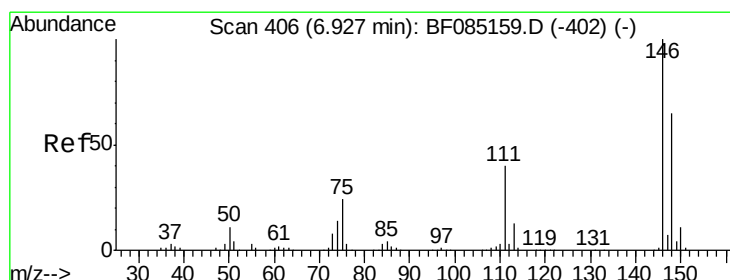
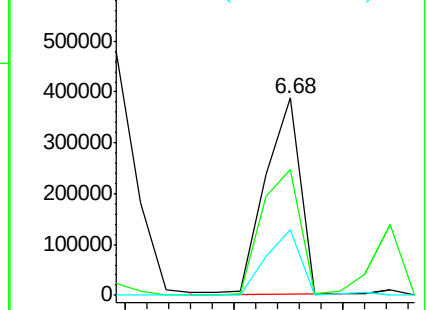
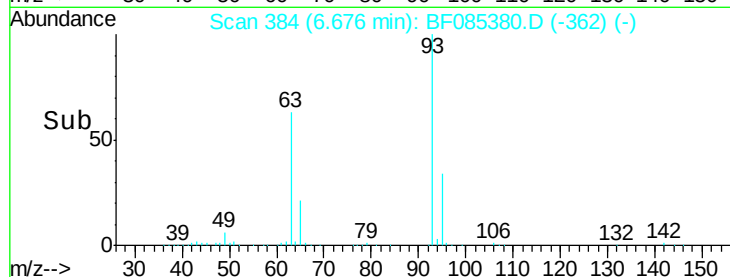
95 33.5 13.7 53.7



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: 38.86 ng

RT: 6.88 min Scan# 402

Delta R.T. -0.05 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

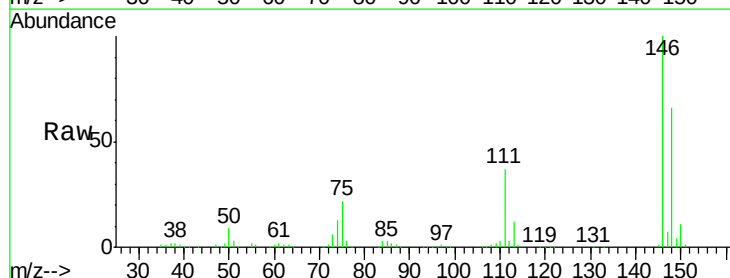
Tgt Ion: 146 Resp: 437149

Ion Ratio Lower Upper

146 100

148 66.4 52.1 78.1

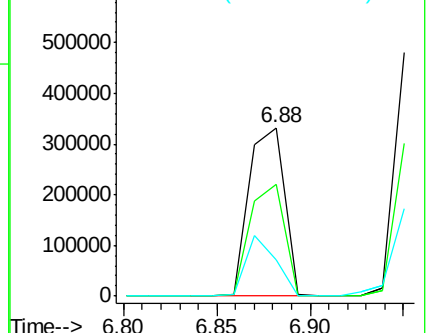
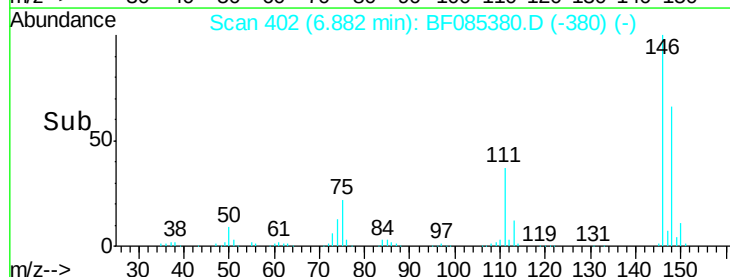
75 21.7 19.5 29.3

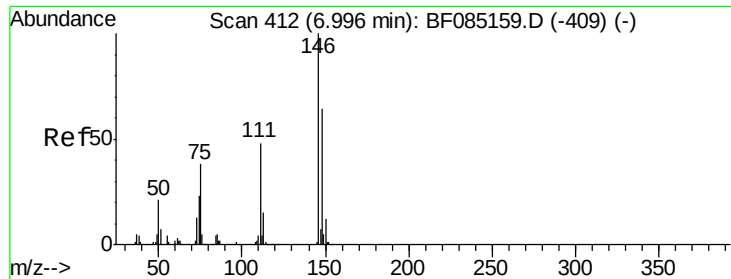


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

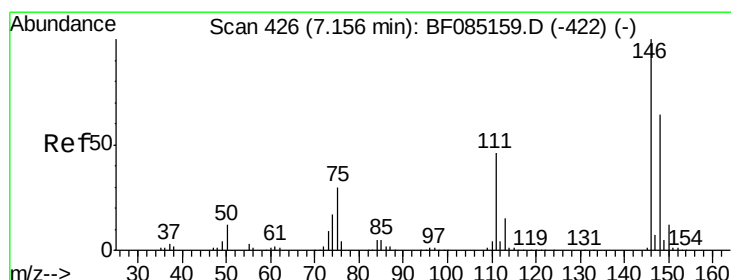
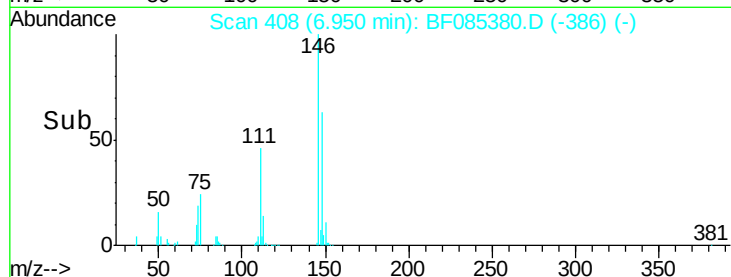
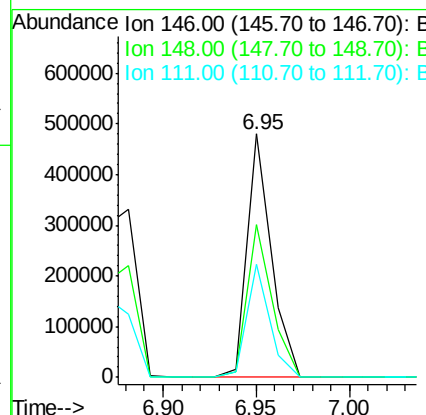
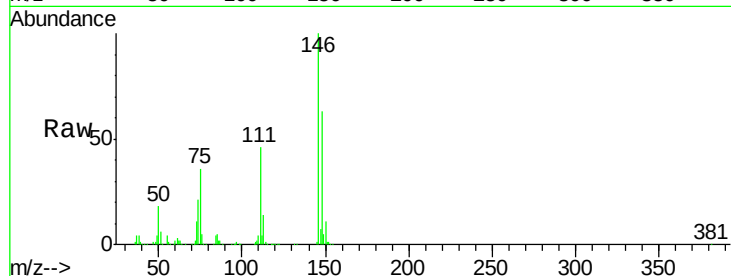




#13
 1,4-Dichlorobenzene
 Concen: 38.70 ng
 RT: 6.95 min Scan# 408
 Delta R.T. -0.05 min
 Lab File: BF085380.D
 Acq: 11 Mar 2016 19:03

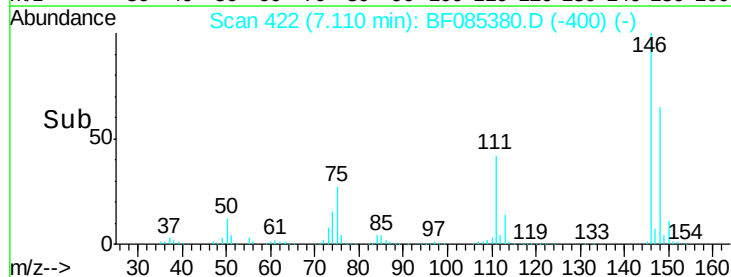
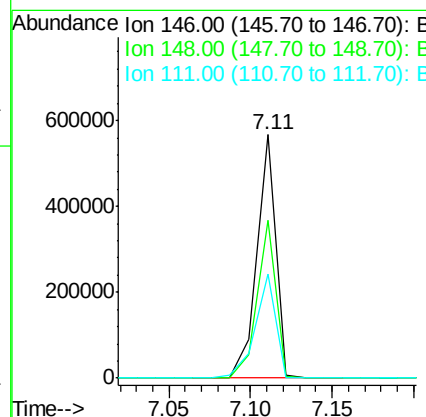
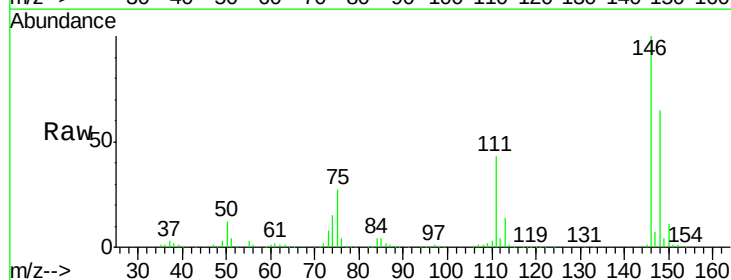
Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP2MSD

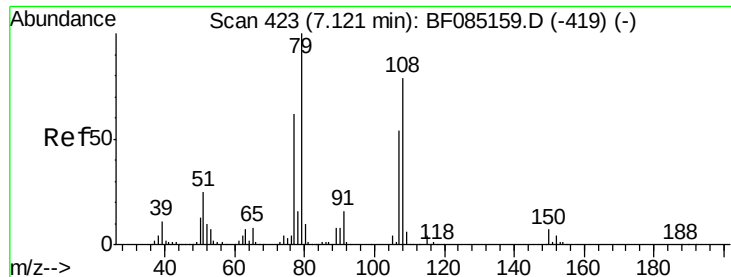
Tgt Ion:146 Resp: 436298
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.3 76.9
 111 46.4 38.4 57.6



#14
 1,2-Dichlorobenzene
 Concen: 44.70 ng
 RT: 7.11 min Scan# 422
 Delta R.T. -0.05 min
 Lab File: BF085380.D
 Acq: 11 Mar 2016 19:03

Tgt Ion:146 Resp: 457161
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.4 77.2
 111 42.6 36.7 55.1





#15

Benzyl Alcohol

Concen: 43.73 ng

RT: 7.08 min Scan# 419

Delta R.T. -0.05 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

Instrument :

BNA_F

ClientSampleId :

TEC-COMP2MSD

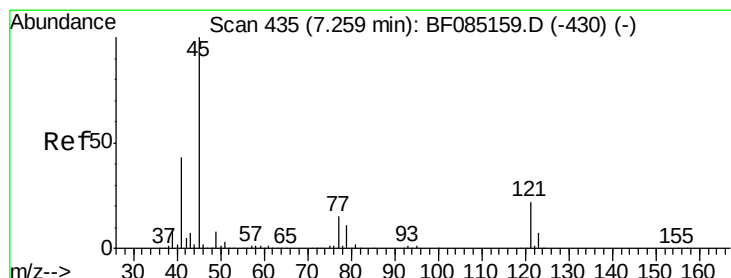
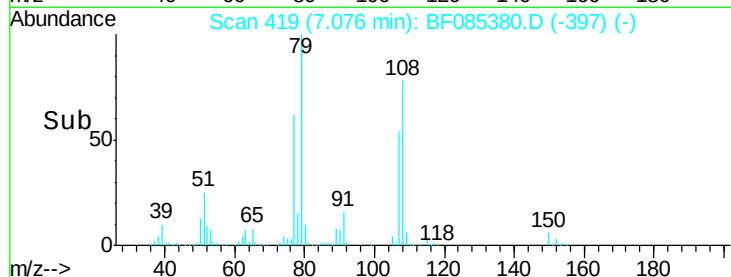
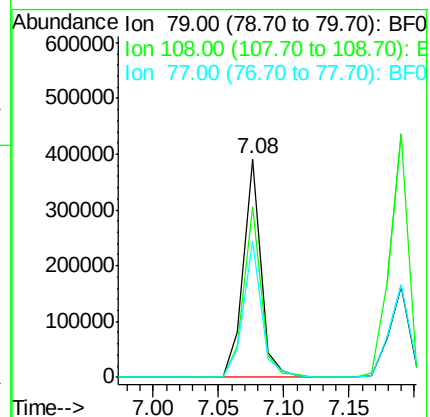
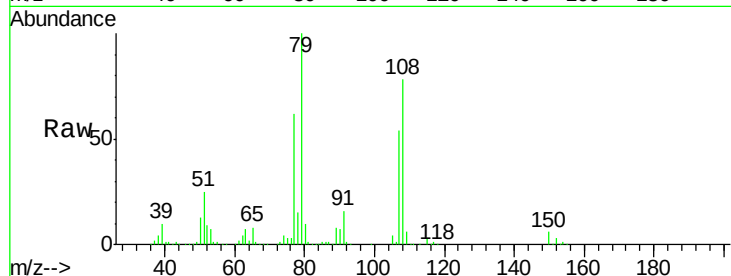
Tgt Ion: 79 Resp: 366024

Ion Ratio Lower Upper

79 100

108 78.5 62.9 94.3

77 62.4 49.5 74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.77 ng

RT: 7.21 min Scan# 431

Delta R.T. -0.05 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

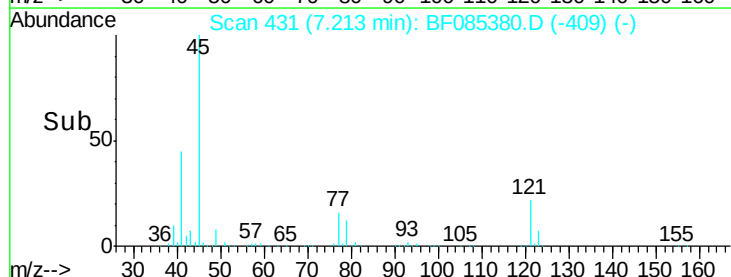
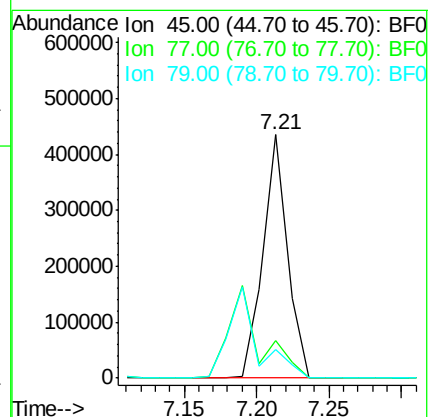
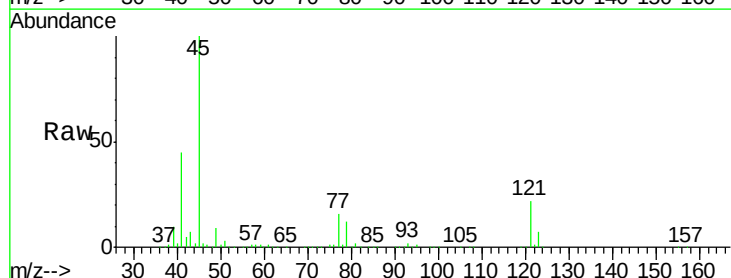
Tgt Ion: 45 Resp: 508346

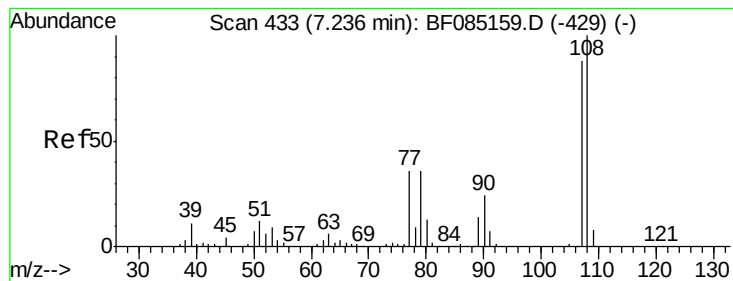
Ion Ratio Lower Upper

45 100

77 15.5 0.0 35.1

79 11.8 0.0 31.3





#17

2-Methylphenol

Concen: 44.29 ng

RT: 7.19 min Scan# 429

Delta R.T. -0.05 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

Instrument :

BNA_F

ClientSampleId :

TEC-COMP2MSD

Tgt Ion:107 Resp: 378599

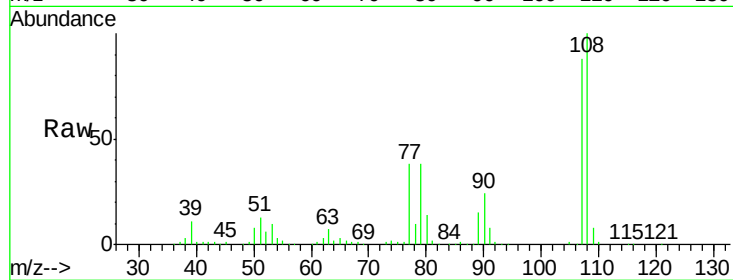
Ion Ratio Lower Upper

107 100

108 114.0 90.9 136.3

77 43.1 32.6 48.8

79 42.8 32.8 49.2

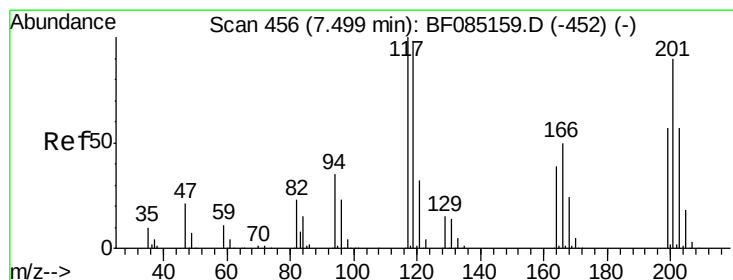
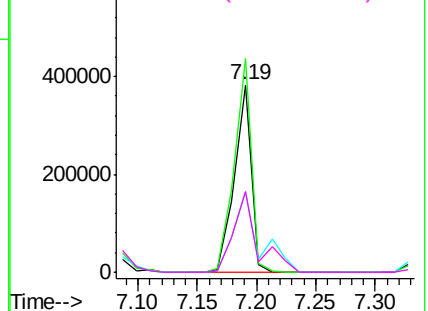
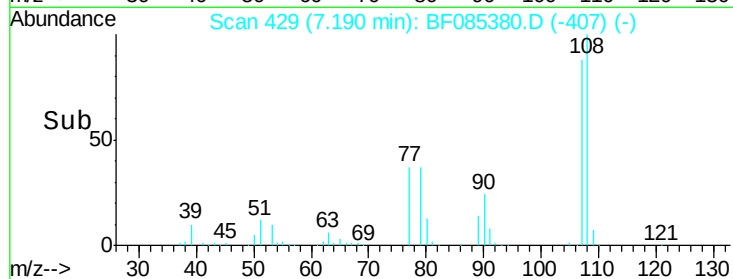


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.33 ng

RT: 7.45 min Scan# 452

Delta R.T. -0.05 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

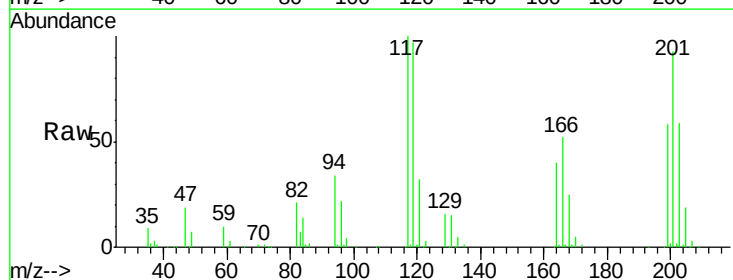
Tgt Ion:117 Resp: 171899

Ion Ratio Lower Upper

117 100

119 97.1 78.2 117.4

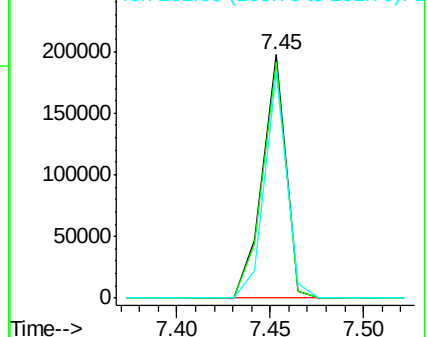
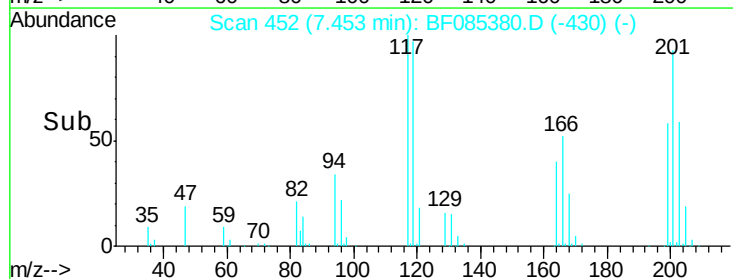
201 92.9 72.0 108.0

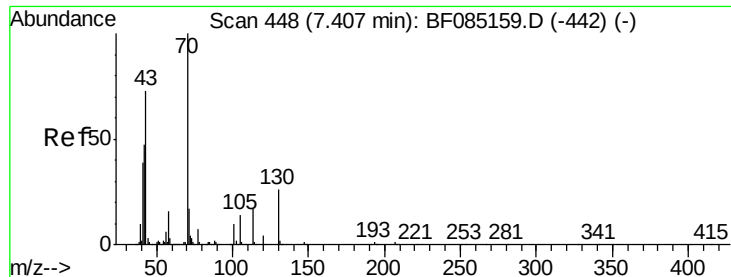


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

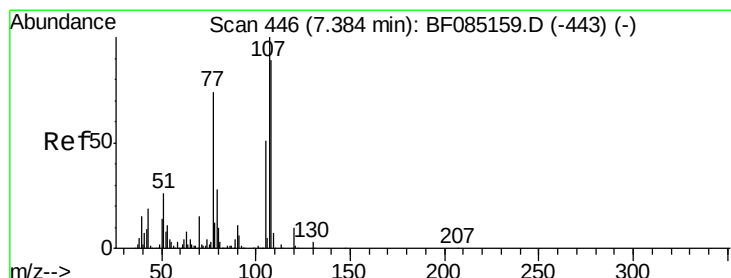
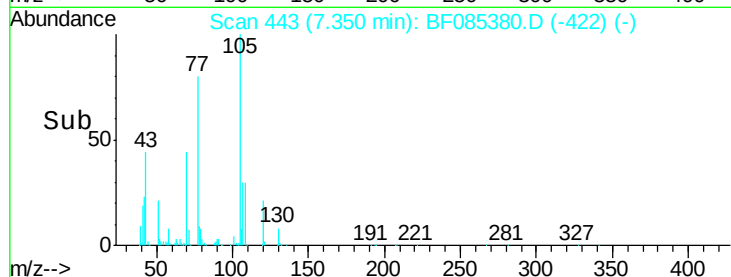
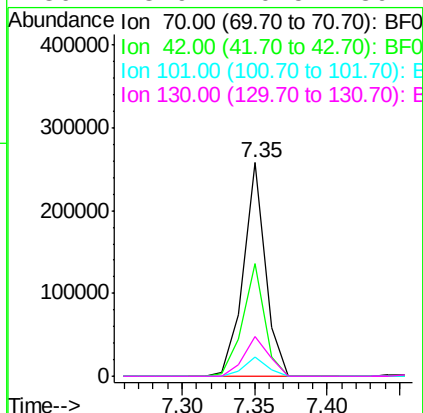
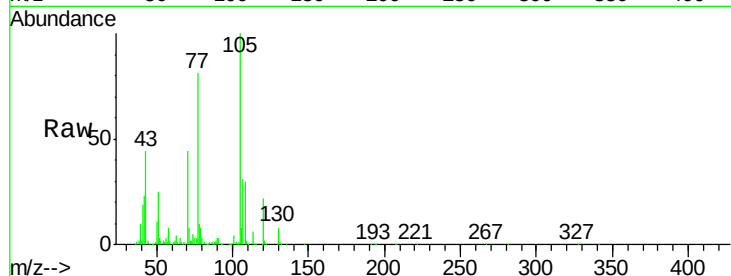




#19
n-Nitroso-di-n-propylamine
Concen: 36.68 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.06 min
Lab File: BF085380.D
Acq: 11 Mar 2016 19:03

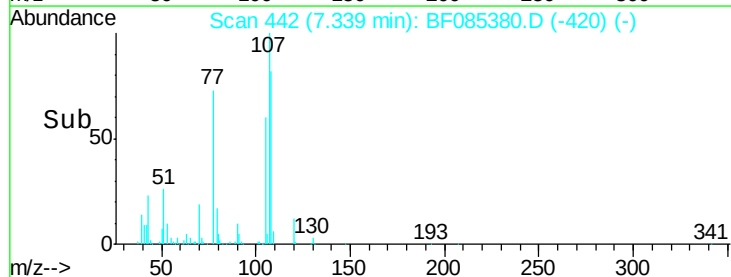
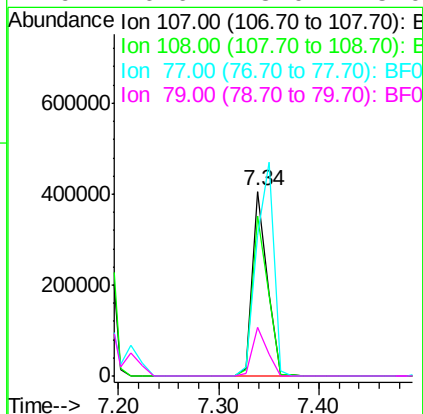
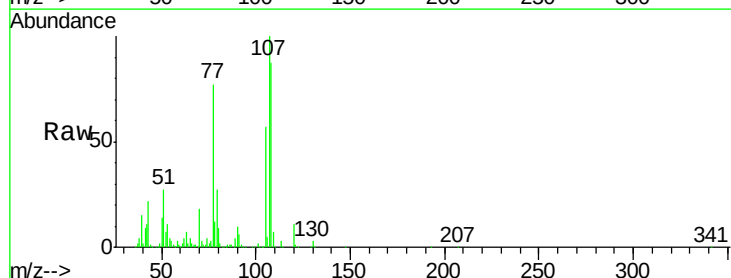
Instrument :
BNA_F
ClientSampleId :
TEC-COMP2MSD

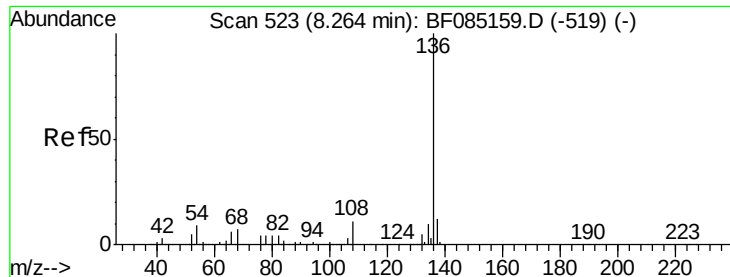
Tgt Ion: 70 Resp: 272538
Ion Ratio Lower Upper
70 100
42 52.9 37.7 56.5
101 9.3 8.2 12.4
130 18.9 20.5 30.7#



#20
3+4-Methylphenols
Concen: 41.53 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.05 min
Lab File: BF085380.D
Acq: 11 Mar 2016 19:03

Tgt Ion: 107 Resp: 420490
Ion Ratio Lower Upper
107 100
108 87.0 68.8 108.8
77 76.5 53.6 93.6
79 26.6 8.0 48.0

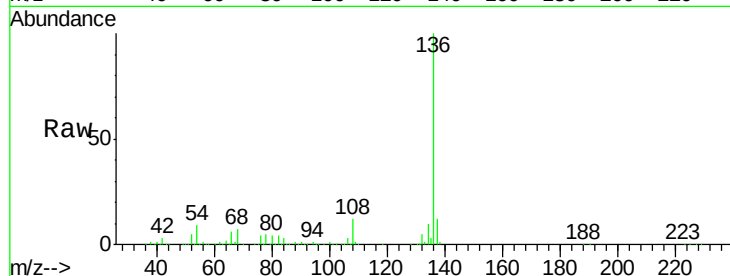




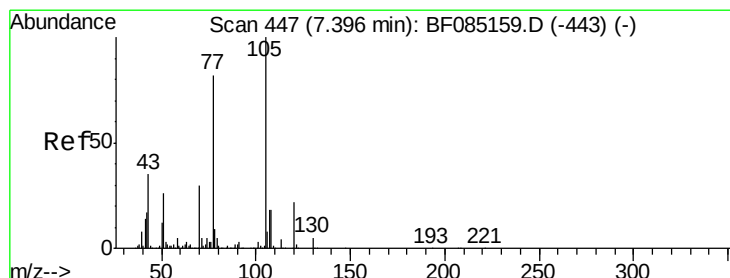
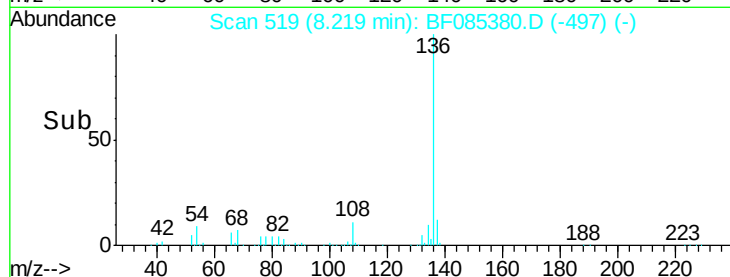
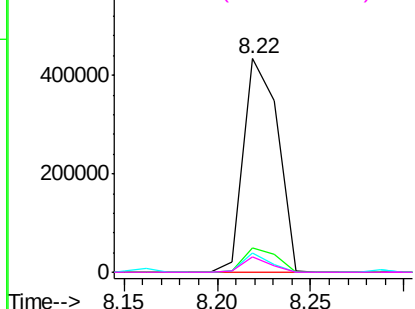
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF085380.D
Acq: 11 Mar 2016 19:03

Instrument :
BNA_F
ClientSampleId :
TEC-COMP2MSD

Tgt Ion:	136	Resp:	553254
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	9.0	7.4	11.2
68	7.0	6.0	9.0

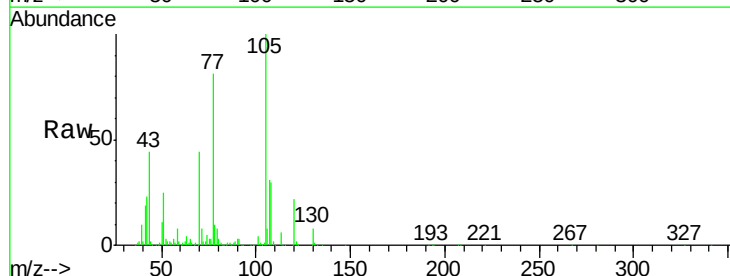


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

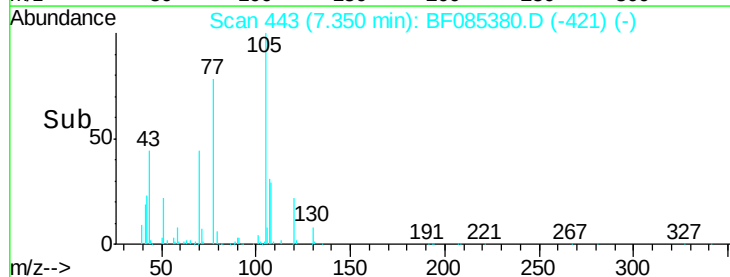
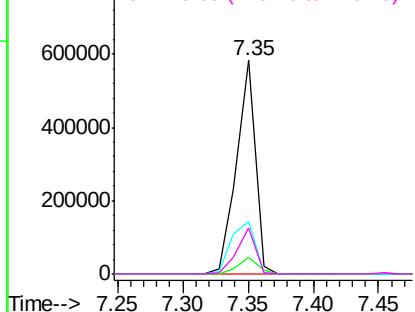


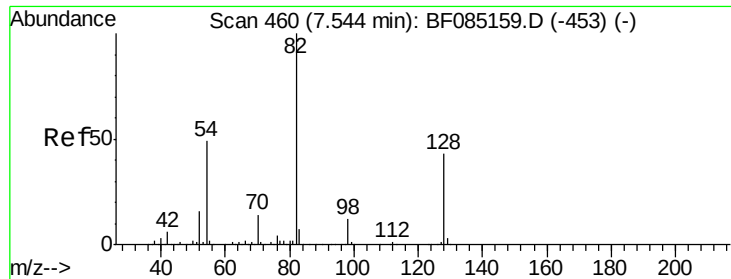
#22
Acetophenone
Concen: 43.13 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF085380.D
Acq: 11 Mar 2016 19:03

Tgt Ion:	105	Resp:	582488
Ion	Ratio	Lower	Upper
105	100		
71	7.6	4.1	6.1#
51	24.5	21.1	31.7
120	21.7	17.3	25.9



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

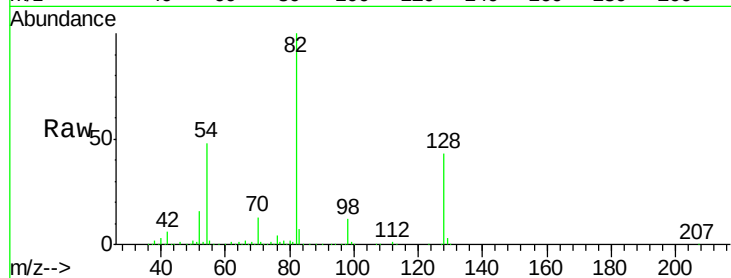




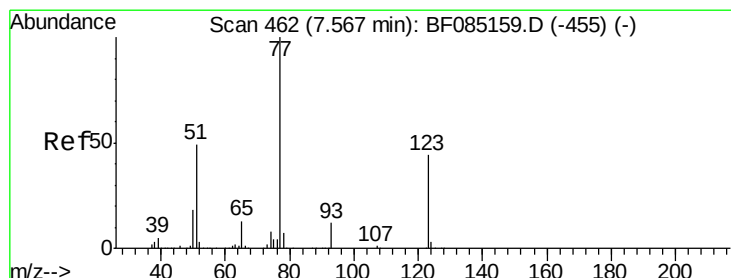
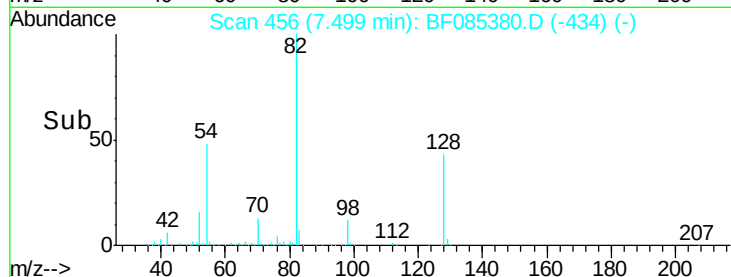
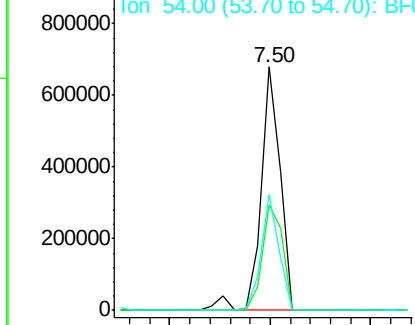
#23
 Nitrobenzene-d5
 Concen: 86.89 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF085380.D
 Acq: 11 Mar 2016 19:03

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP2MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.5	51.7
54	47.6	39.3	58.9

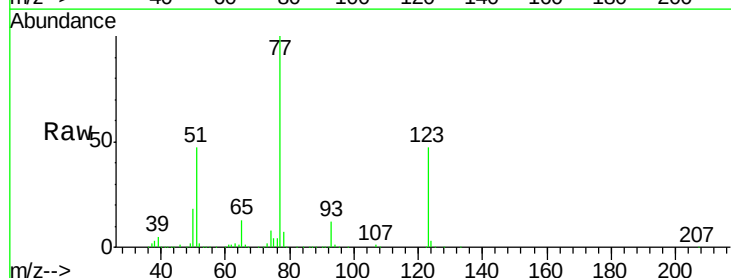


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

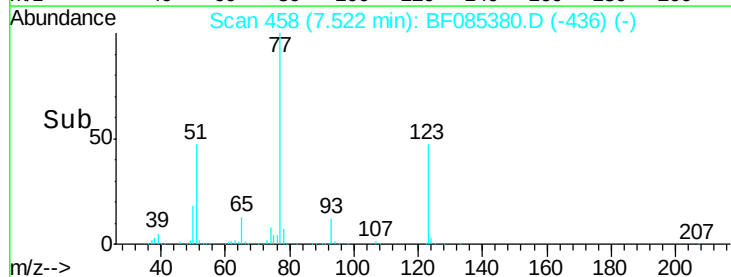
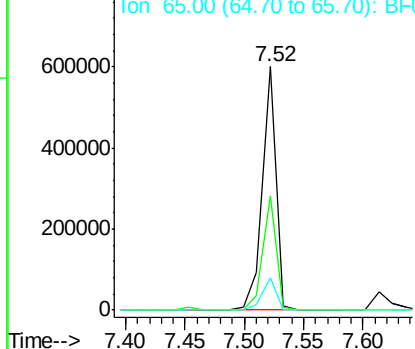


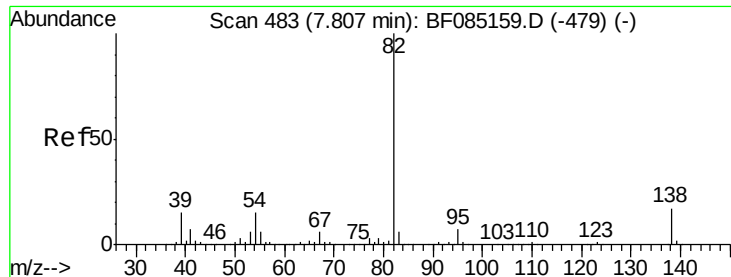
#24
 Nitrobenzene
 Concen: 46.68 ng
 RT: 7.52 min Scan# 458
 Delta R.T. -0.05 min
 Lab File: BF085380.D
 Acq: 11 Mar 2016 19:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.0	35.4	53.2
65	13.1	10.6	16.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 44.39 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

Instrument :

BNA_F

ClientSampleId :

TEC-COMP2MSD

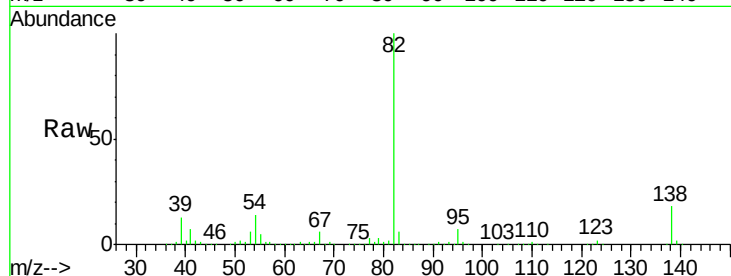
Tgt Ion: 82 Resp: 850541

Ion Ratio Lower Upper

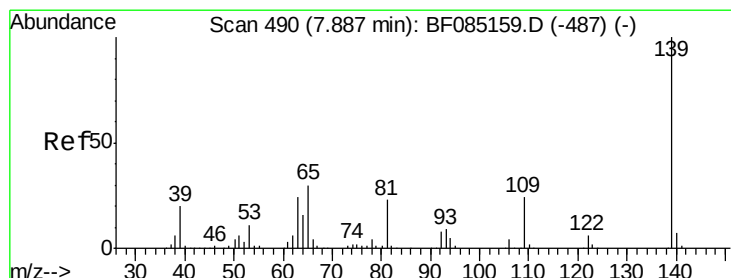
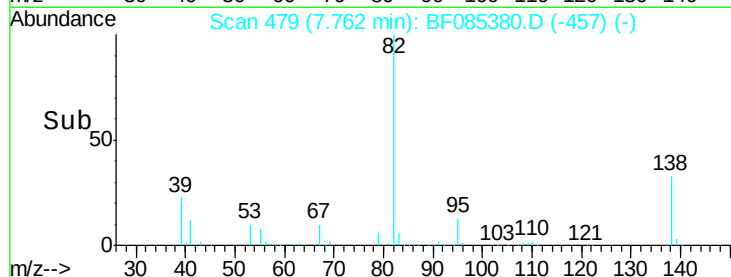
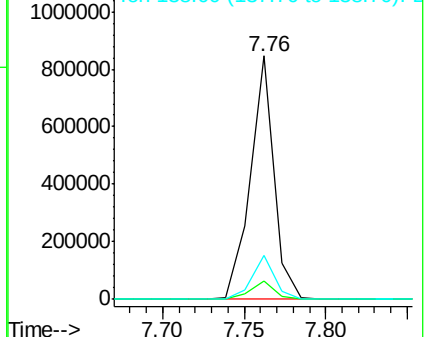
82 100

95 7.3 5.4 8.2

138 17.9 13.3 19.9



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: 47.40 ng

RT: 7.84 min Scan# 486

Delta R.T. -0.05 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

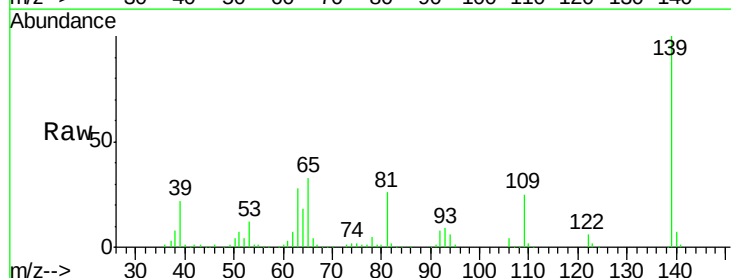
Tgt Ion: 139 Resp: 242253

Ion Ratio Lower Upper

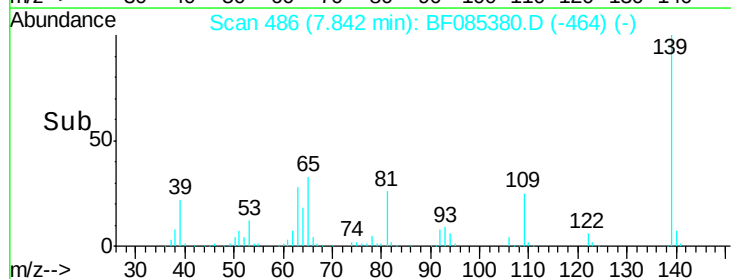
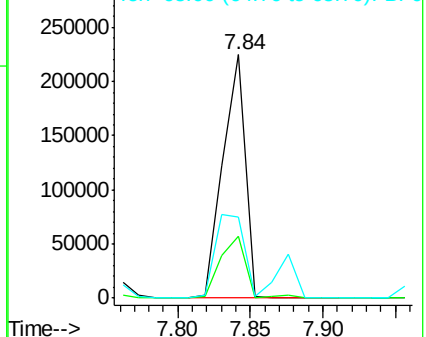
139 100

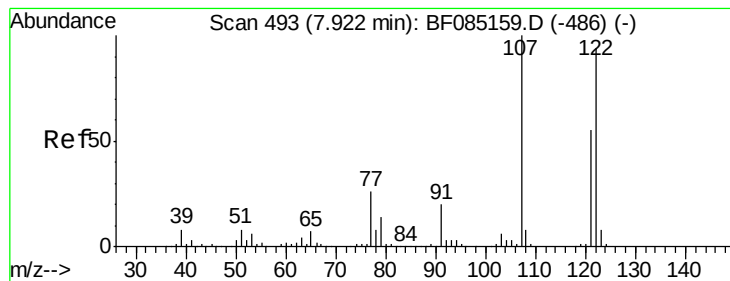
109 25.4 19.1 28.7

65 33.3 23.9 35.9



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





#27

2,4-Dimethylphenol

Concen: 47.49 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.05 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

Instrument :

BNA_F

ClientSampleId :

TEC-COMP2MSD

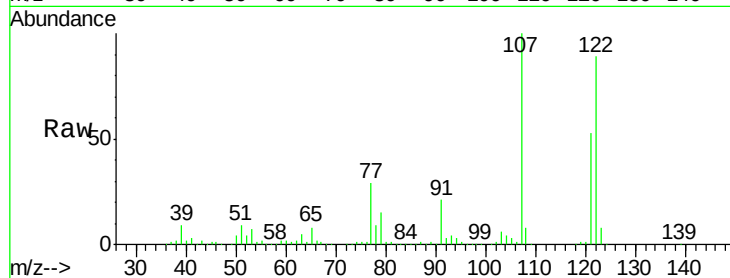
Tgt Ion:122 Resp: 443573

Ion Ratio Lower Upper

122 100

107 112.0 84.8 127.2

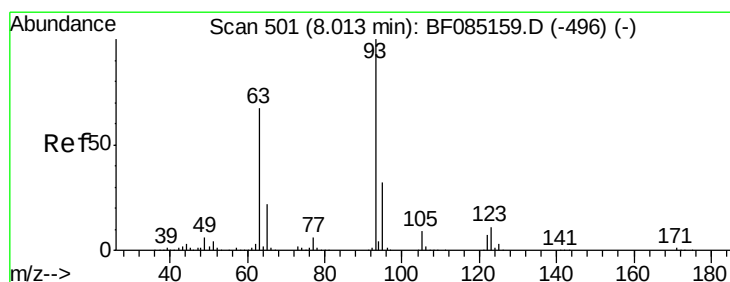
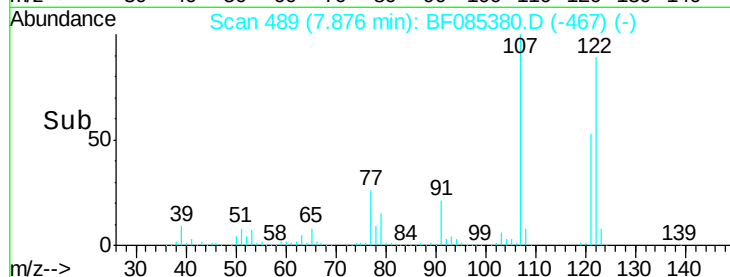
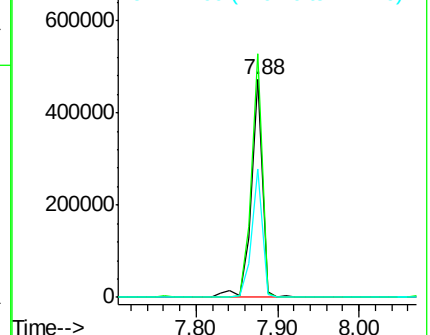
121 58.9 47.0 70.6



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: 44.65 ng

RT: 7.97 min Scan# 497

Delta R.T. -0.05 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

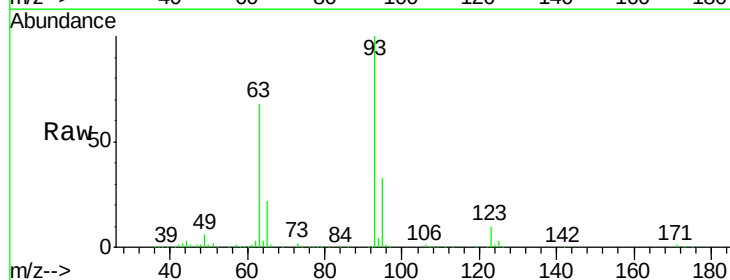
Tgt Ion: 93 Resp: 476464

Ion Ratio Lower Upper

93 100

95 33.1 25.9 38.9

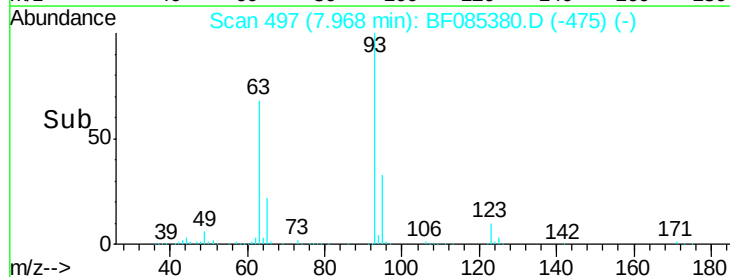
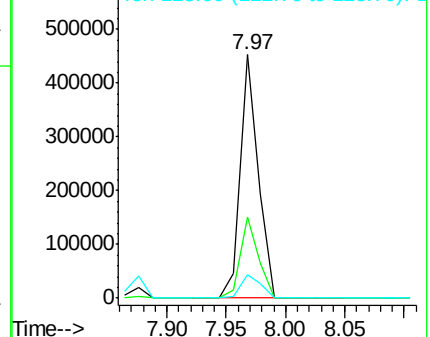
123 9.7 8.8 13.2

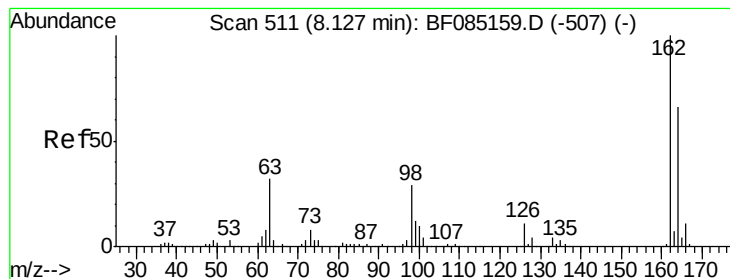


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 47.81 ng

RT: 8.08 min Scan# 507

Delta R.T. -0.05 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

Instrument :

BNA_F

ClientSampleId :

TEC-COMP2MSD

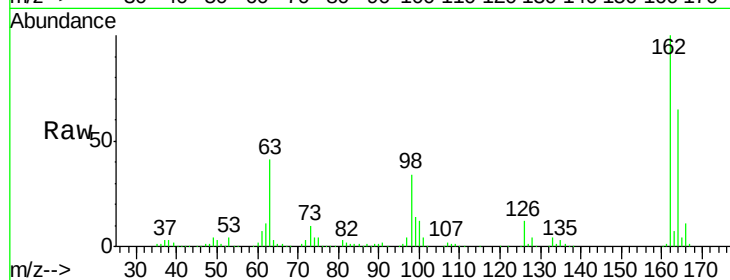
Tgt Ion:162 Resp: 360173

Ion Ratio Lower Upper

162 100

164 64.6 45.7 85.7

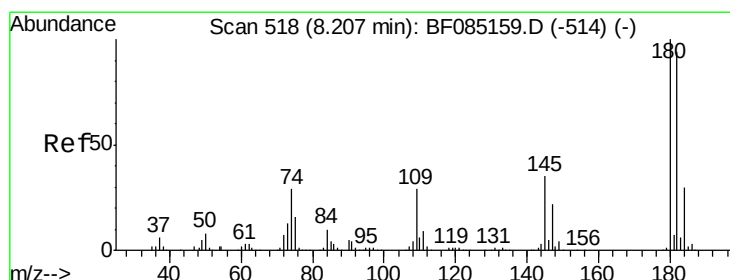
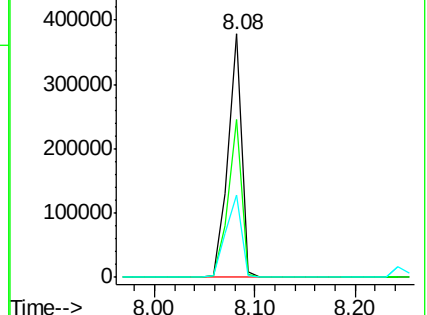
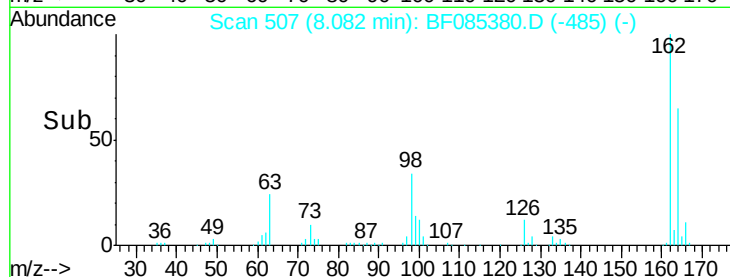
98 33.7 9.4 49.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 42.93 ng

RT: 8.16 min Scan# 514

Delta R.T. -0.05 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

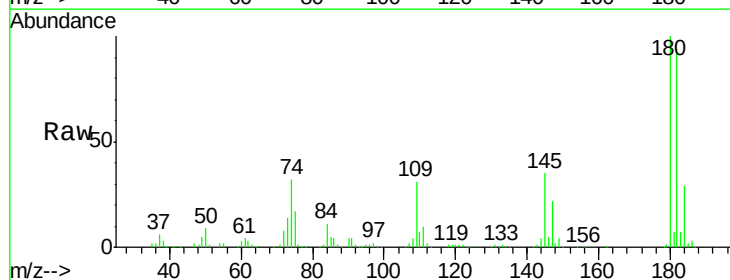
Tgt Ion:180 Resp: 349641

Ion Ratio Lower Upper

180 100

182 93.7 74.9 112.3

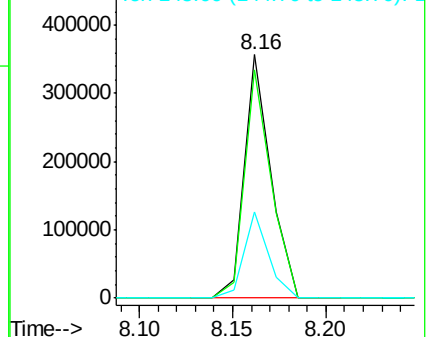
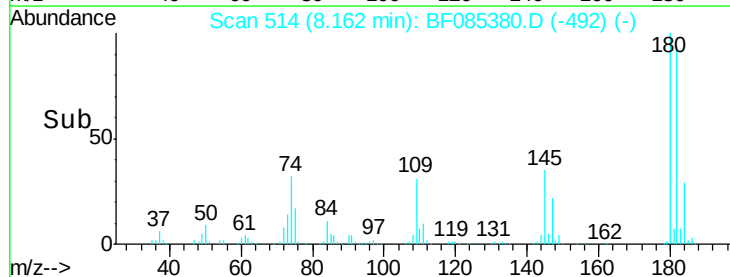
145 35.2 27.9 41.9

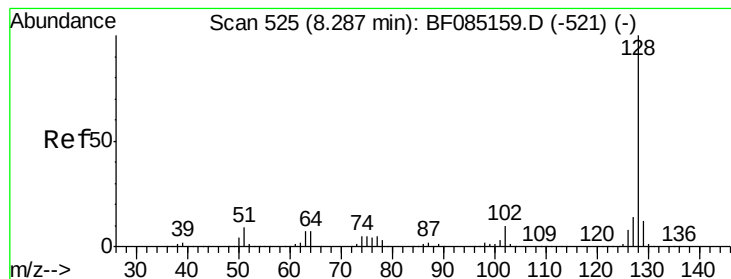


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.87 ng

RT: 8.24 min Scan# 521

Delta R.T. -0.05 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

Instrument :

BNA_F

ClientSampleId :

TEC-COMP2MSD

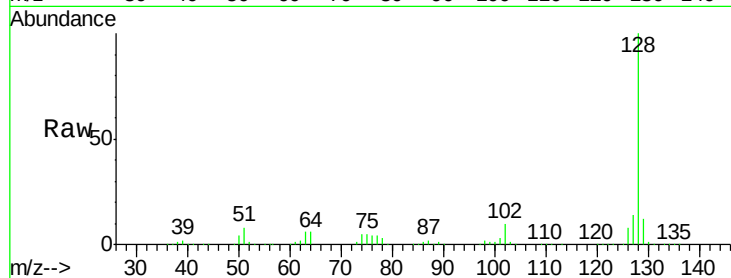
Tgt Ion:128 Resp: 1193415

Ion Ratio Lower Upper

128 100

129 11.8 9.7 14.5

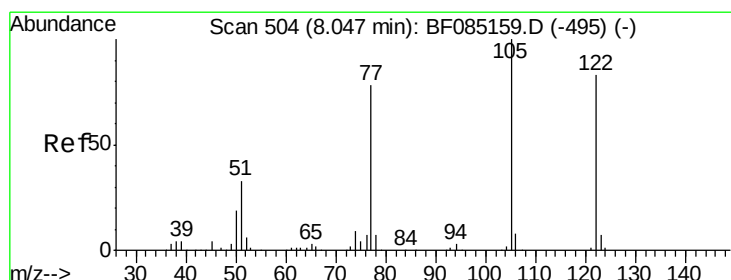
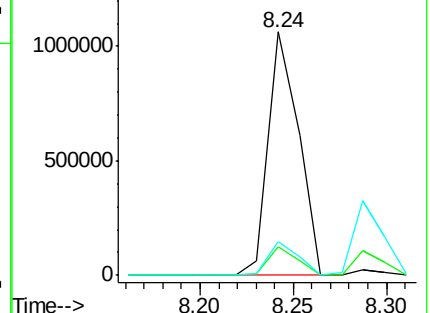
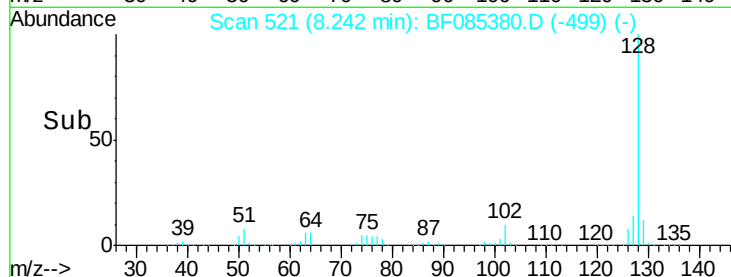
127 13.7 11.2 16.8



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: 71.50 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.17 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

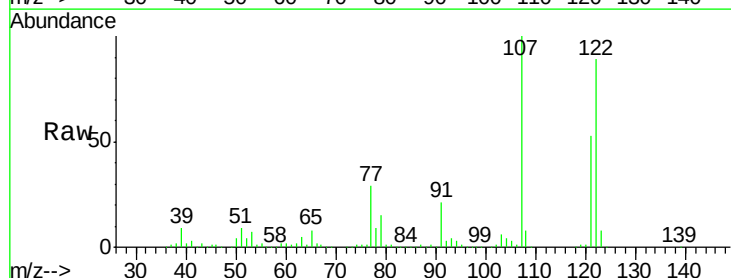
Tgt Ion:122 Resp: 443573

Ion Ratio Lower Upper

122 100

105 3.6 101.3 141.3#

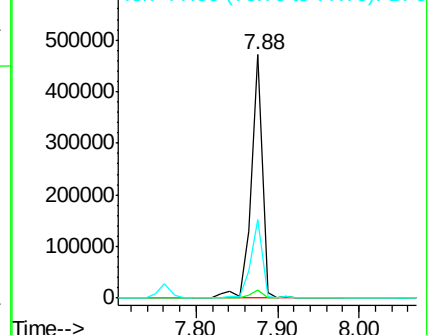
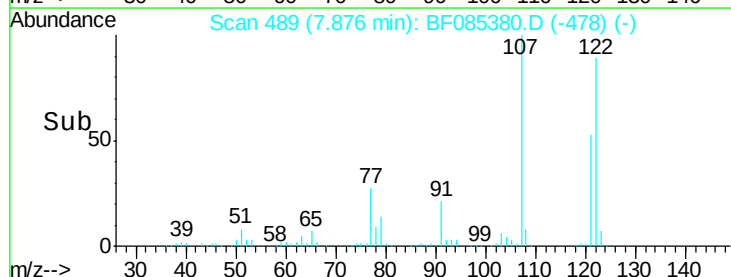
77 32.5 74.7 114.7#

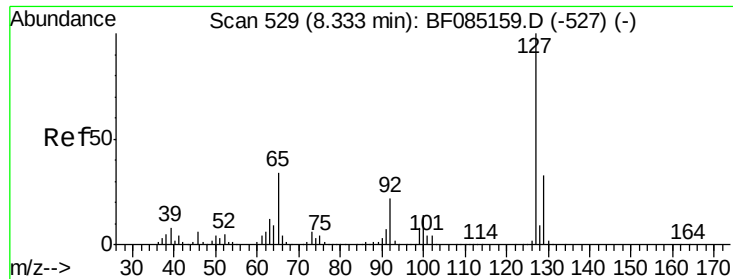


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

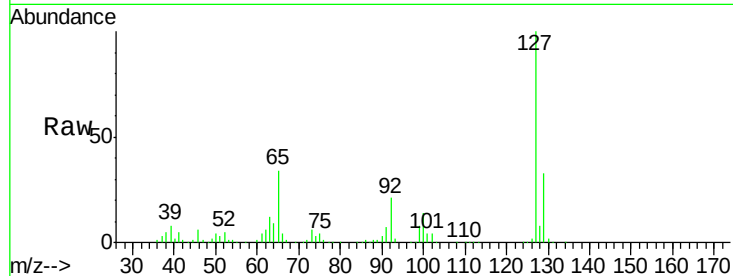




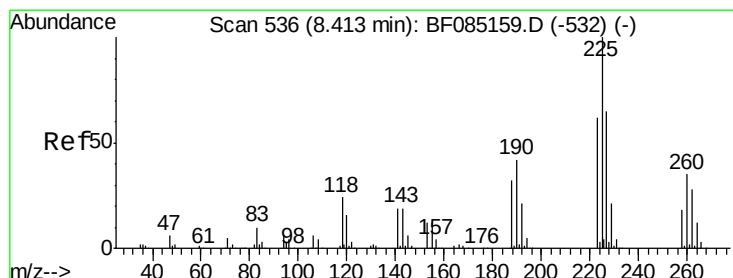
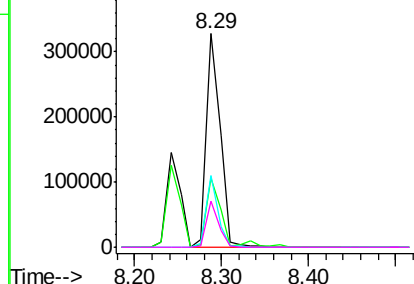
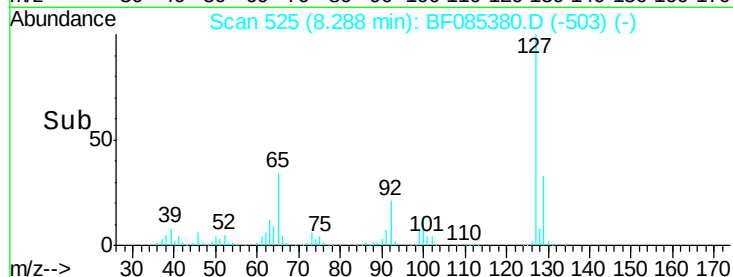
#33
4-Chloroaniline
Concen: 32.93 ng
RT: 8.29 min Scan# 525
Delta R.T. -0.05 min
Lab File: BF085380.D
Acq: 11 Mar 2016 19:03

Instrument :
BNA_F
ClientSampleId :
TEC-COMP2MSD

Tgt Ion:	127	Resp:	362352
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	33.6	27.0	40.6
92	21.3	17.4	26.0

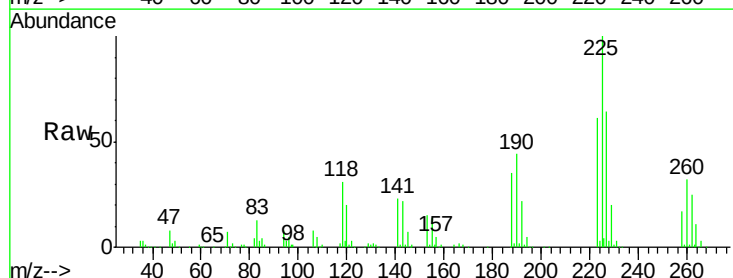


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

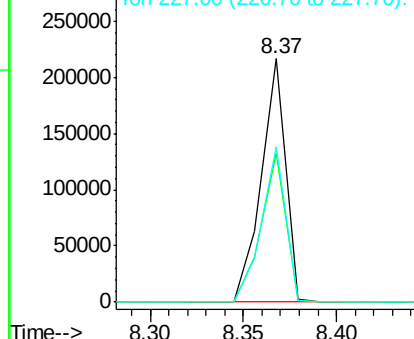
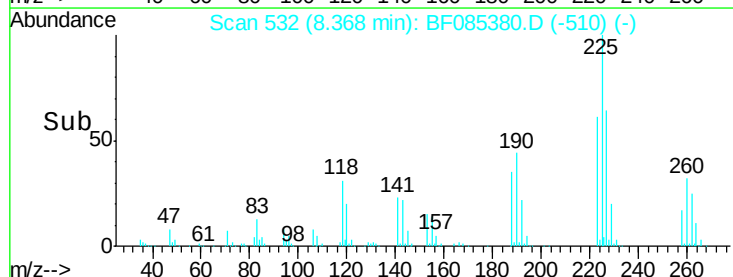


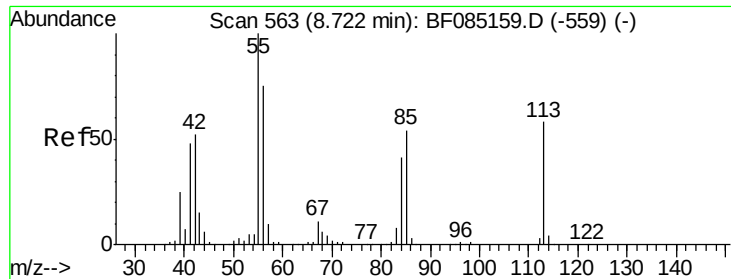
#34
Hexachlorobutadiene
Concen: 45.82 ng
RT: 8.37 min Scan# 532
Delta R.T. -0.05 min
Lab File: BF085380.D
Acq: 11 Mar 2016 19:03

Tgt Ion:	225	Resp:	194198
Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.7	74.5
227	63.6	52.2	78.4



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

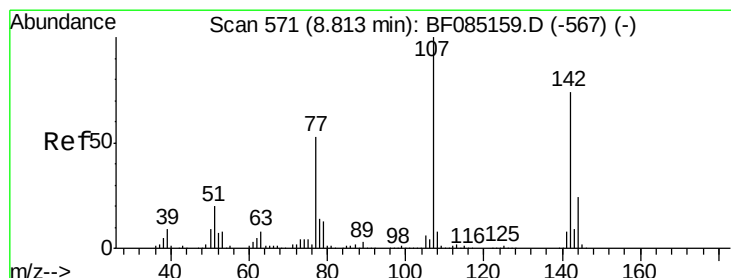
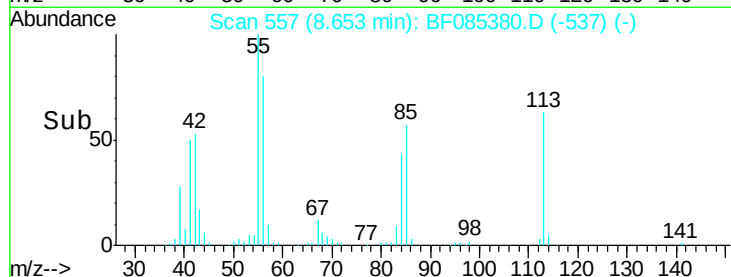
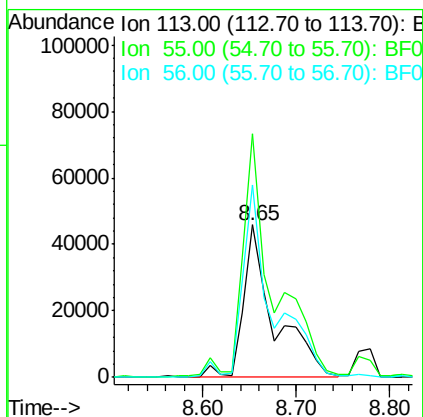
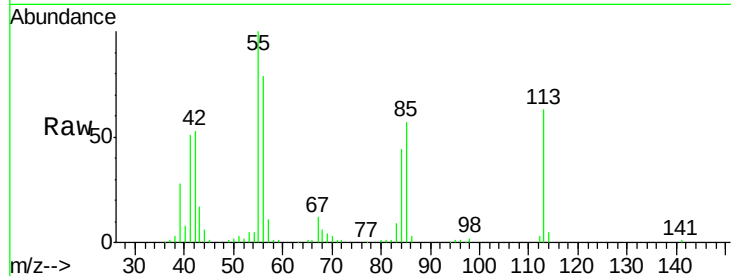




#35
 Caprolactam
 Concen: 43.18 ng
 RT: 8.65 min Scan# 557
 Delta R.T. -0.07 min
 Lab File: BF085380.D
 Acq: 11 Mar 2016 19:03

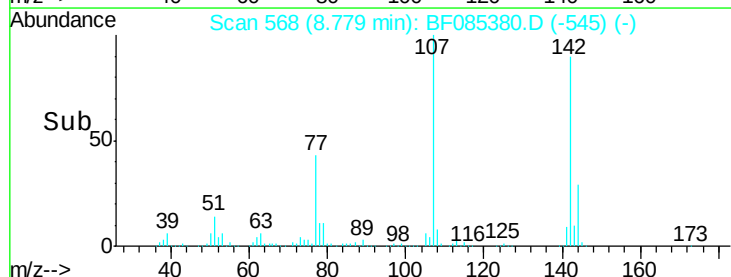
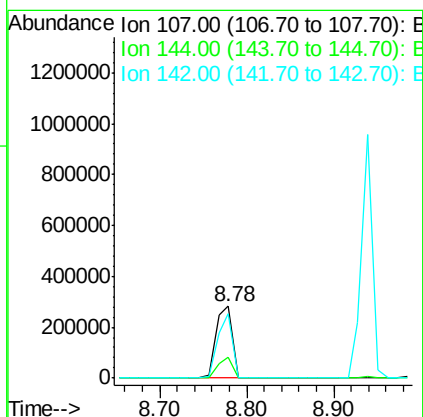
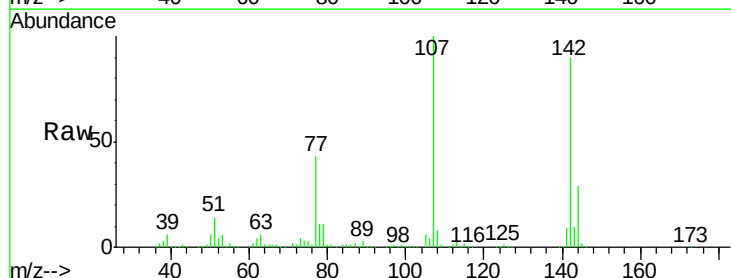
Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP2MSD

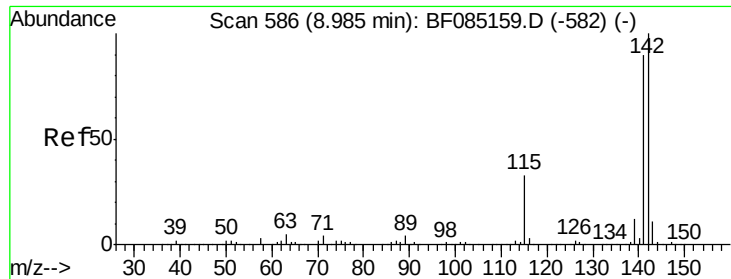
Tgt Ion:113 Resp: 106233
 Ion Ratio Lower Upper
 113 100
 55 159.5 152.7 192.7
 56 126.3 109.0 149.0



#36
 4-Chloro-3-methylphenol
 Concen: 44.28 ng
 RT: 8.78 min Scan# 568
 Delta R.T. -0.03 min
 Lab File: BF085380.D
 Acq: 11 Mar 2016 19:03

Tgt Ion:107 Resp: 378380
 Ion Ratio Lower Upper
 107 100
 144 29.3 19.4 29.2#
 142 89.6 59.4 89.2#

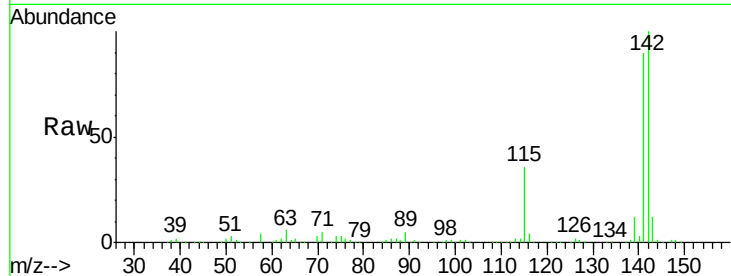




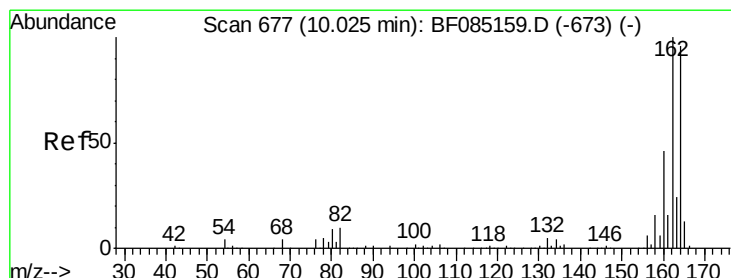
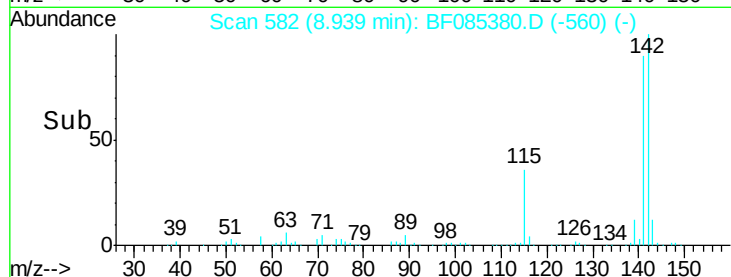
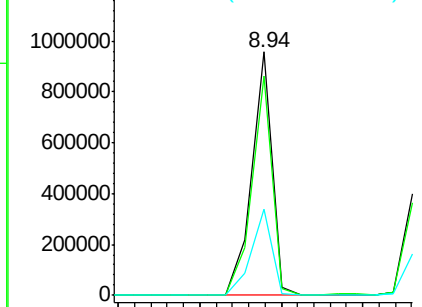
#37
 2-Methylnaphthalene
 Concen: 47.51 ng
 RT: 8.94 min Scan# 582
 Delta R.T. -0.05 min
 Lab File: BF085380.D
 Acq: 11 Mar 2016 19:03

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP2MSD

Tgt Ion:142 Resp: 829359
 Ion Ratio Lower Upper
 142 100
 141 90.2 71.7 107.5
 115 35.6 26.2 39.4

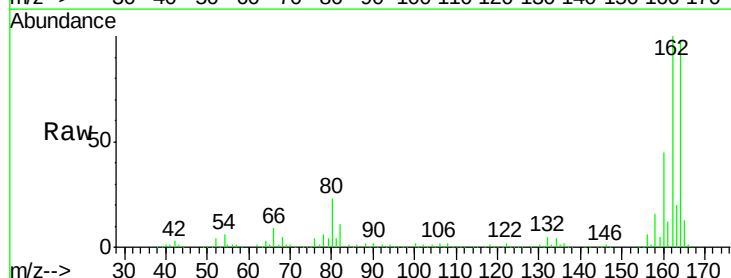


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

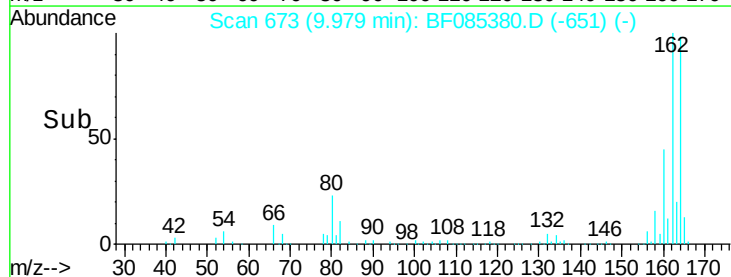
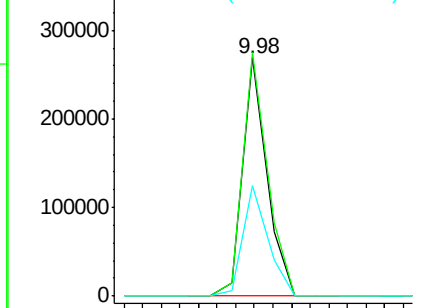


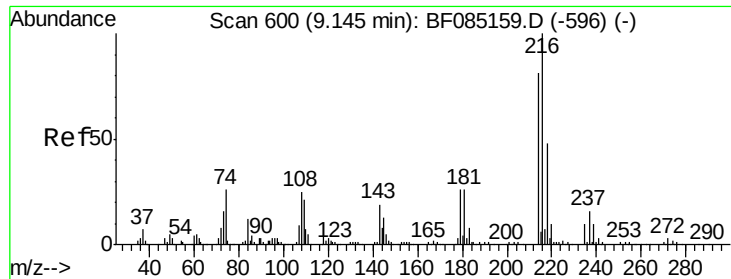
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 673
 Delta R.T. -0.05 min
 Lab File: BF085380.D
 Acq: 11 Mar 2016 19:03

Tgt Ion:164 Resp: 245076
 Ion Ratio Lower Upper
 164 100
 162 102.3 83.3 124.9
 160 46.3 37.9 56.9



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

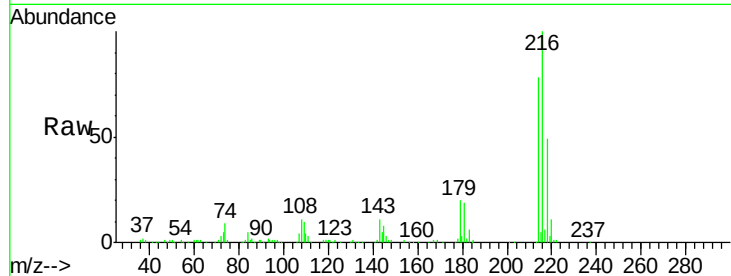




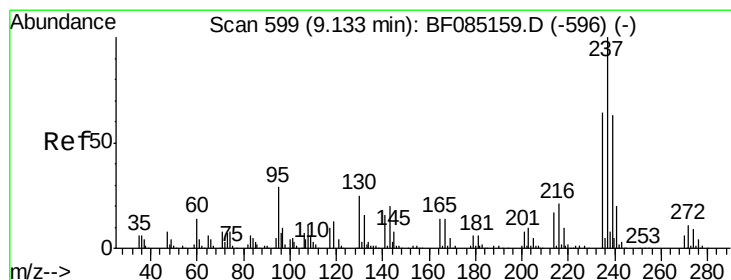
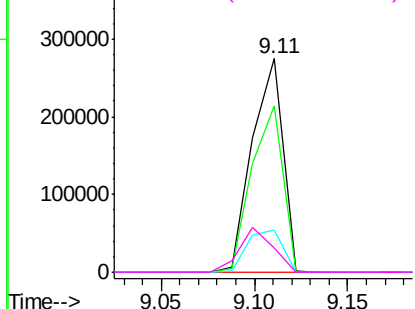
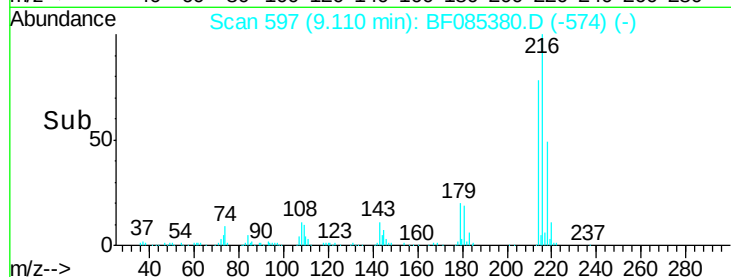
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.61 ng
 RT: 9.11 min Scan# 597
 Delta R.T. -0.03 min
 Lab File: BF085380.D
 Acq: 11 Mar 2016 19:03

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP2MSD

Tgt Ion:	216	Resp:	312664
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.8	95.6
179	22.9	19.6	29.4
108	22.8	19.6	29.4

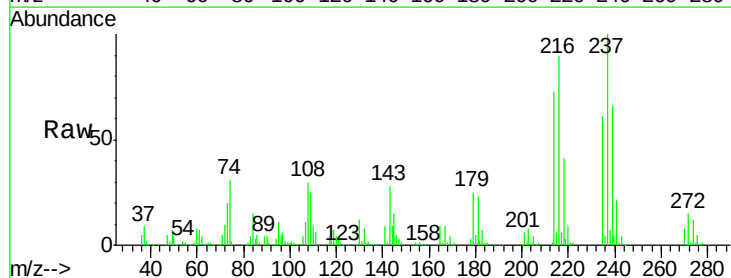


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

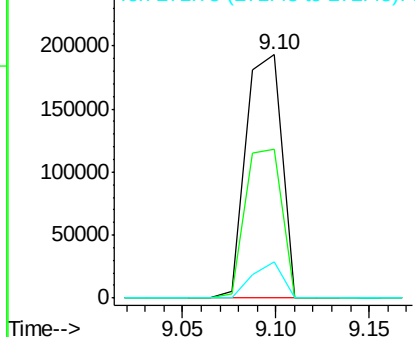
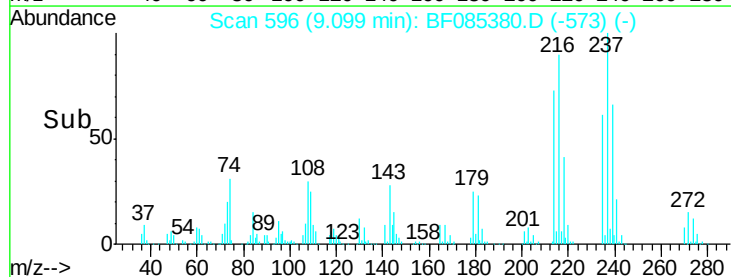


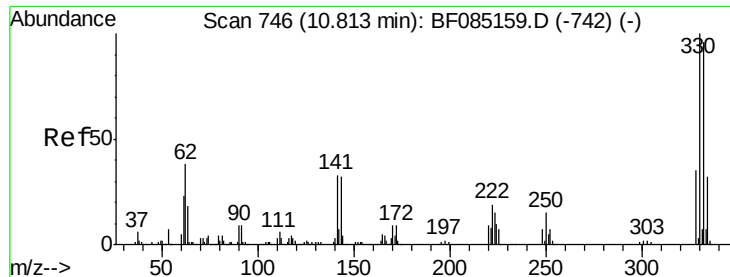
#40
 Hexachlorocyclopentadiene
 Concen: 69.02 ng
 RT: 9.10 min Scan# 596
 Delta R.T. -0.03 min
 Lab File: BF085380.D
 Acq: 11 Mar 2016 19:03

Tgt Ion:	237	Resp:	260905
Ion	Ratio	Lower	Upper
237	100		
235	61.1	43.7	83.7
272	14.7	0.0	31.5



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

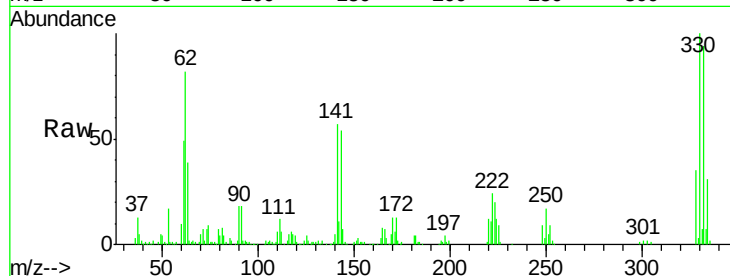




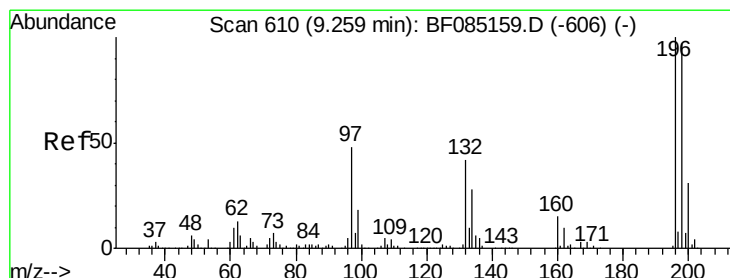
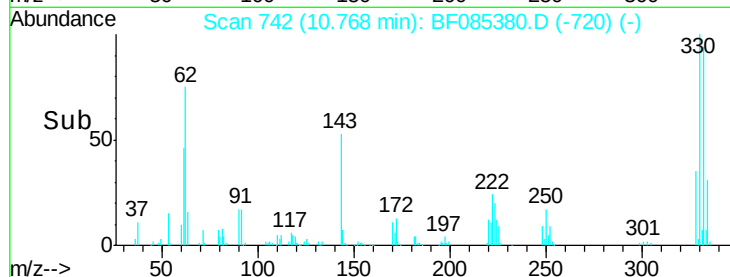
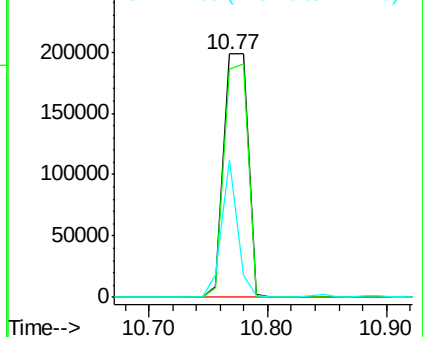
#41
 2,4,6-Tribromophenol
 Concen: 133.55 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.05 min
 Lab File: BF085380.D
 Acq: 11 Mar 2016 19:03

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP2MSD

Tgt Ion:330 Resp: 280054
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.1 115.7
 141 37.2 35.0 52.6

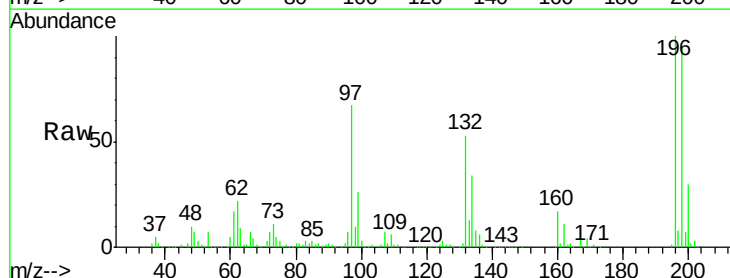


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

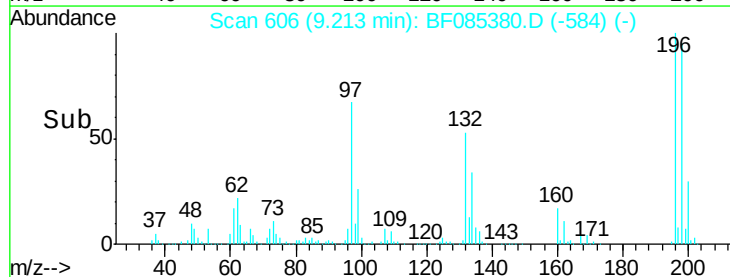
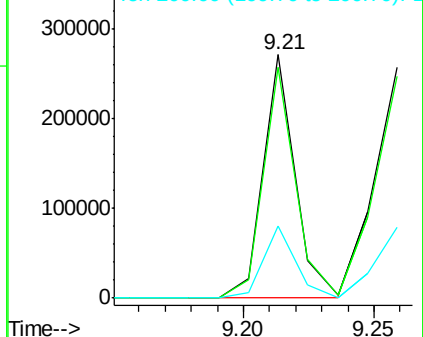


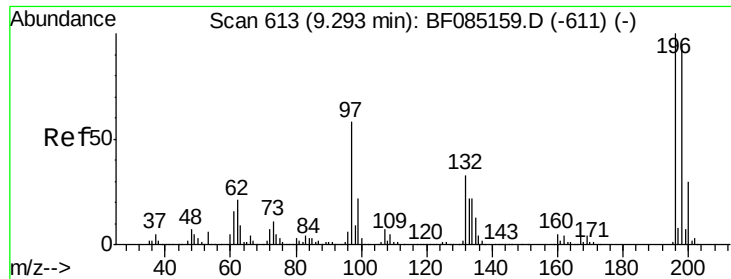
#42
 2,4,6-Trichlorophenol
 Concen: 44.45 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF085380.D
 Acq: 11 Mar 2016 19:03

Tgt Ion:196 Resp: 231906
 Ion Ratio Lower Upper
 196 100
 198 94.6 77.8 116.6
 200 29.6 25.0 37.6



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

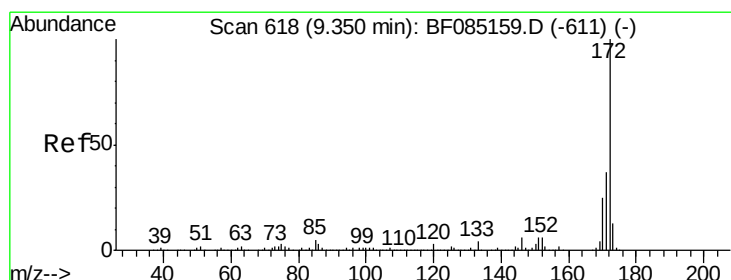
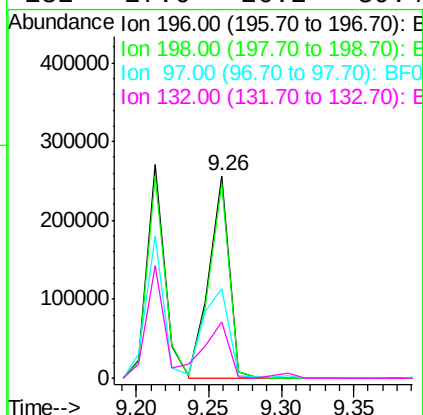
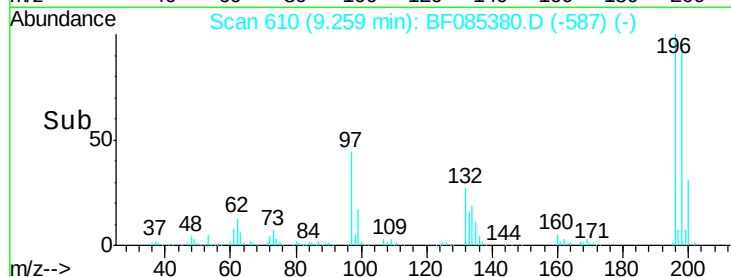
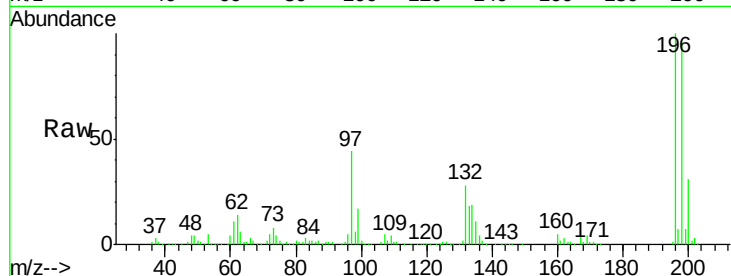




#43
 2,4,5-Trichlorophenol
 Concen: 50.31 ng
 RT: 9.26 min Scan# 610
 Delta R.T. -0.03 min
 Lab File: BF085380.D
 Acq: 11 Mar 2016 19:03

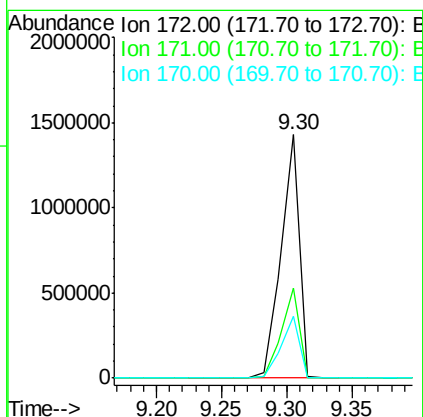
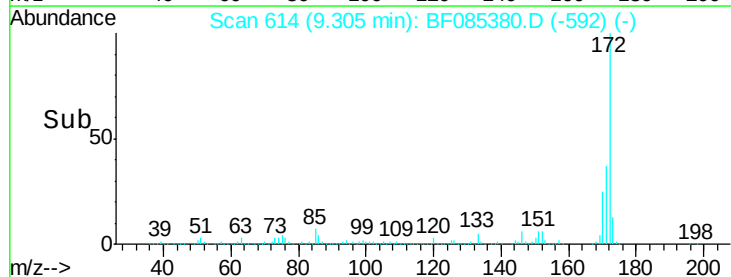
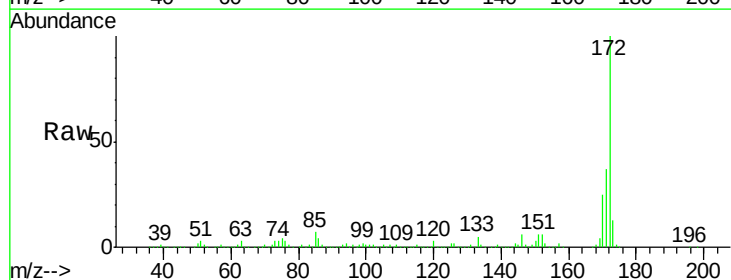
Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP2MSD

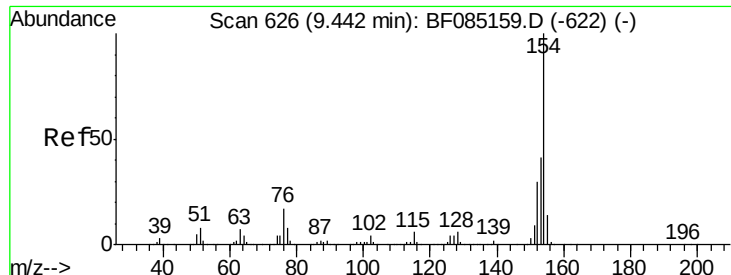
Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	75.7	113.5
97	44.4	46.4	69.6
132	27.6	26.2	39.4



#44
 2-Fluorobiphenyl
 Concen: 87.42 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085380.D
 Acq: 11 Mar 2016 19:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.3	43.9
170	25.5	20.0	30.0

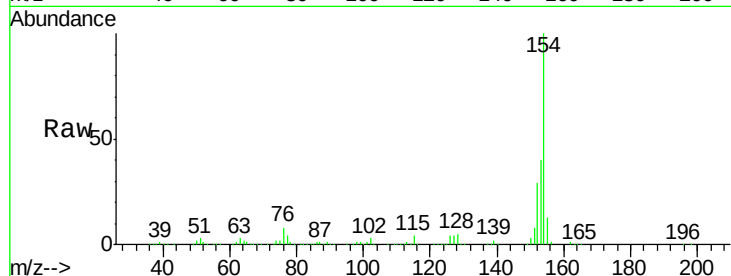




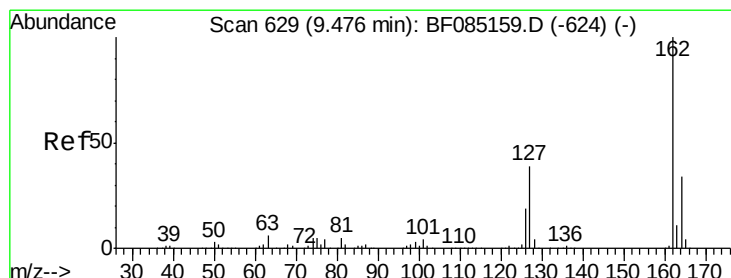
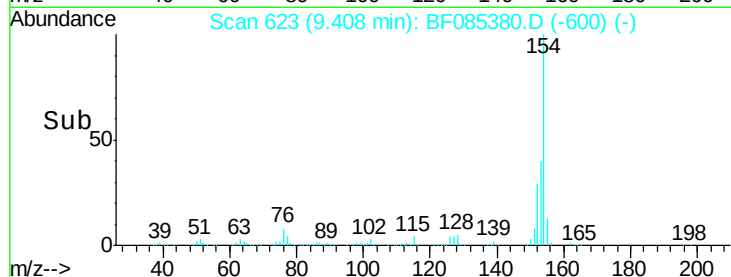
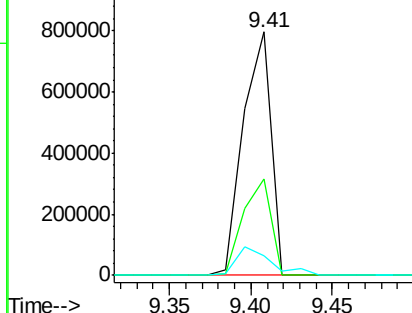
#45
 1,1'-Biphenyl
 Concen: 44.60 ng
 RT: 9.41 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF085380.D
 Acq: 11 Mar 2016 19:03

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP2MSD

Tgt Ion:154 Resp: 933919
 Ion Ratio Lower Upper
 154 100
 153 39.9 21.4 61.4
 76 8.3 0.0 37.5

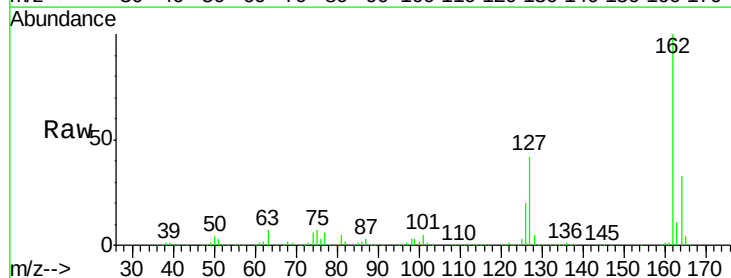


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

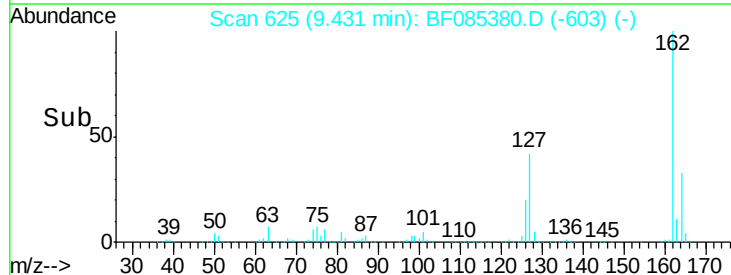
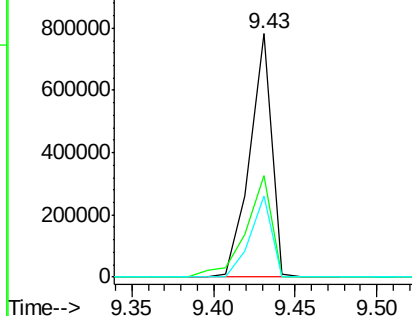


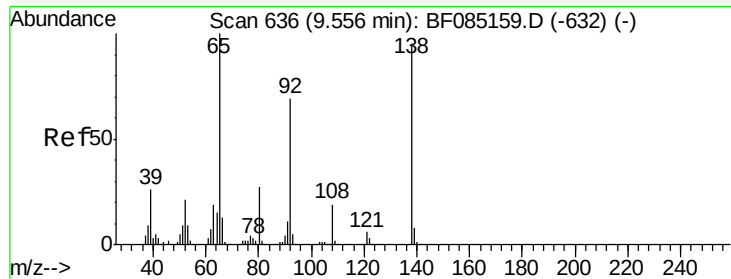
#46
 2-Chloronaphthalene
 Concen: 45.63 ng
 RT: 9.43 min Scan# 625
 Delta R.T. -0.05 min
 Lab File: BF085380.D
 Acq: 11 Mar 2016 19:03

Tgt Ion:162 Resp: 728299
 Ion Ratio Lower Upper
 162 100
 127 41.8 31.6 47.4
 164 33.2 27.1 40.7



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

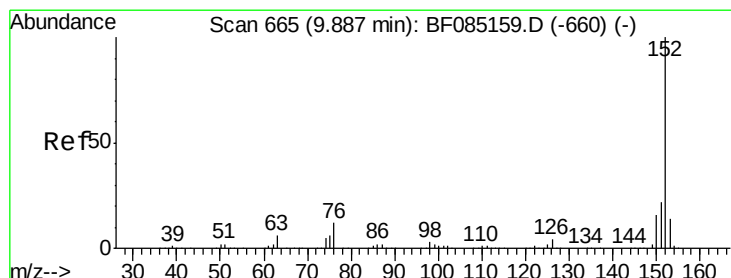
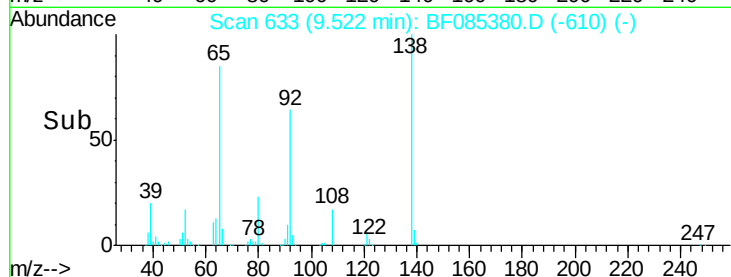
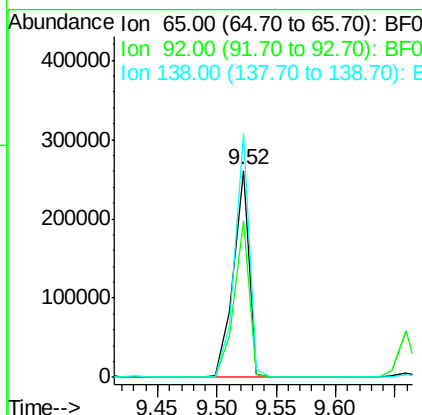
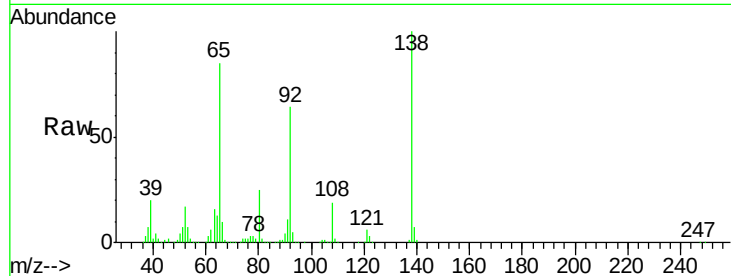




#47
2-Nitroaniline
Concen: 48.72 ng
RT: 9.52 min Scan# 633
Delta R.T. -0.03 min
Lab File: BF085380.D
Acq: 11 Mar 2016 19:03

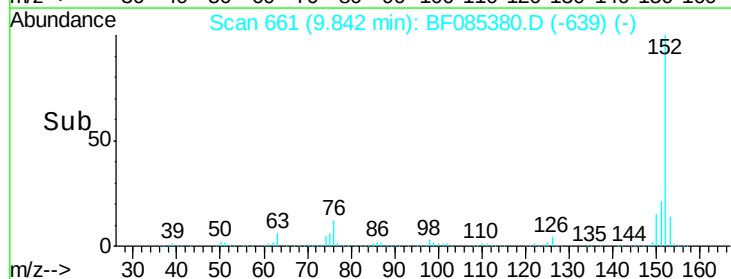
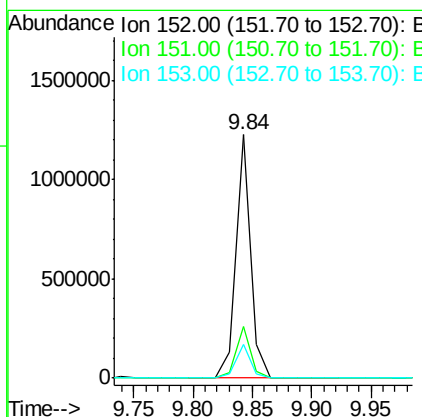
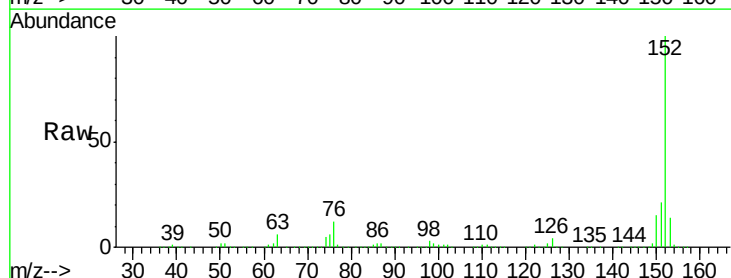
Instrument :
BNA_F
ClientSampleId :
TEC-COMP2MSD

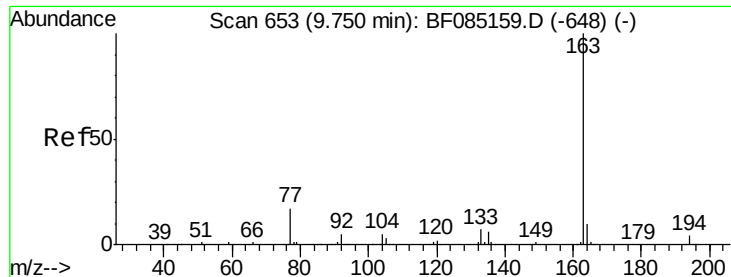
Tgt Ion: 65 Resp: 240932
Ion Ratio Lower Upper
65 100
92 75.9 55.4 83.2
138 117.9 75.7 113.5#



#48
Acenaphthylene
Concen: 42.28 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.05 min
Lab File: BF085380.D
Acq: 11 Mar 2016 19:03

Tgt Ion: 152 Resp: 1050230
Ion Ratio Lower Upper
152 100
151 21.0 17.5 26.3
153 13.9 11.3 16.9





#49

Dimethylphthalate

Concen: 53.15 ng

RT: 9.70 min Scan# 649

Delta R.T. -0.05 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

Instrument :

BNA_F

ClientSampleId :

TEC-COMP2MSD

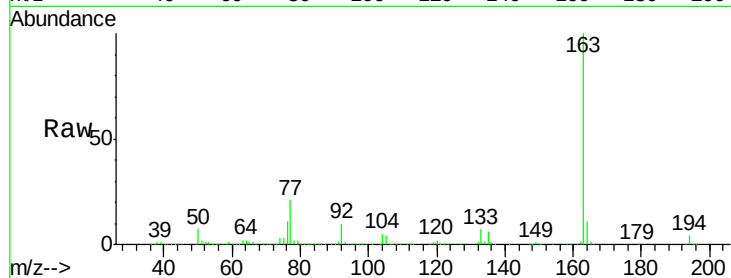
Tgt Ion:163 Resp: 999889

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

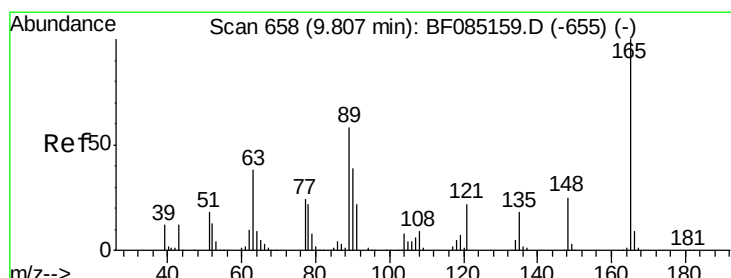
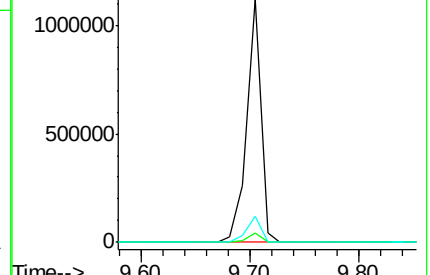
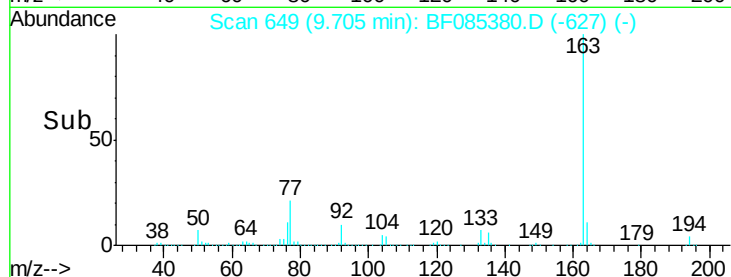
164 10.6 8.2 12.4



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: 40.28 ng

RT: 9.76 min Scan# 654

Delta R.T. -0.05 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

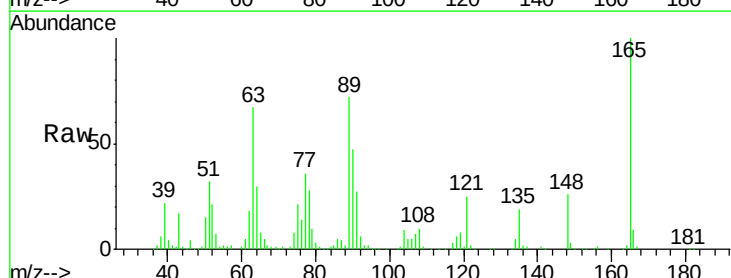
Tgt Ion:165 Resp: 162073

Ion Ratio Lower Upper

165 100

63 67.2 41.8 62.8#

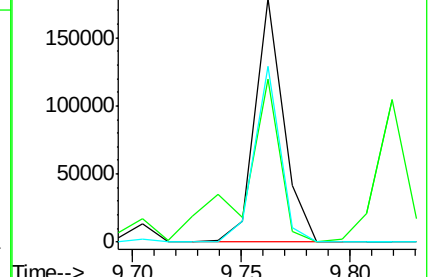
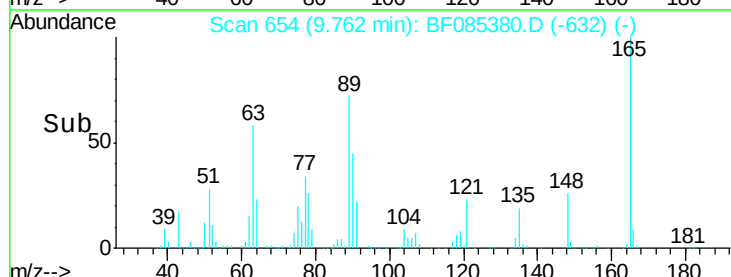
89 72.1 46.7 70.1#

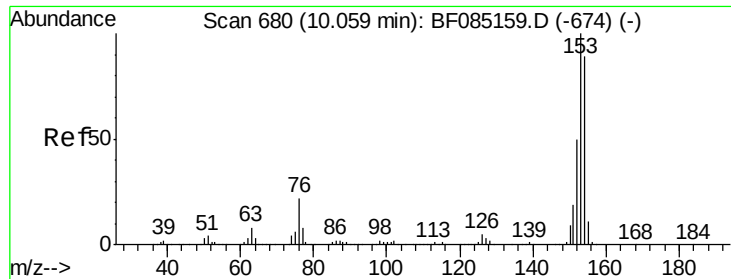


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.35 ng

RT: 10.01 min Scan# 676

Delta R.T. -0.05 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

Instrument :

BNA_F

ClientSampleId :

TEC-COMP2MSD

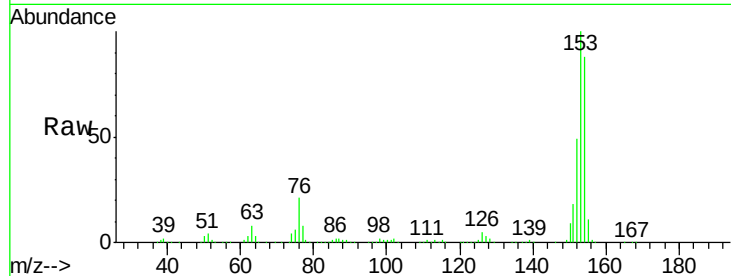
Tgt Ion:154 Resp: 623600

Ion Ratio Lower Upper

154 100

153 113.9 89.8 134.8

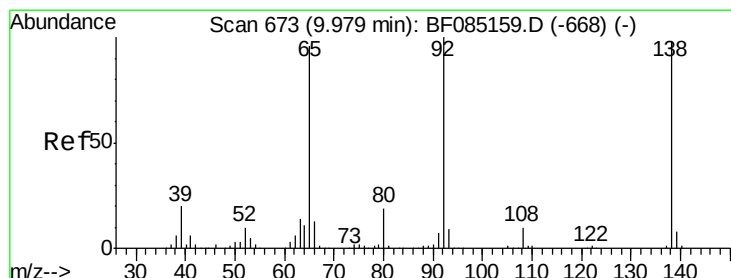
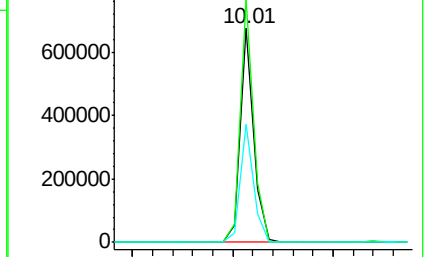
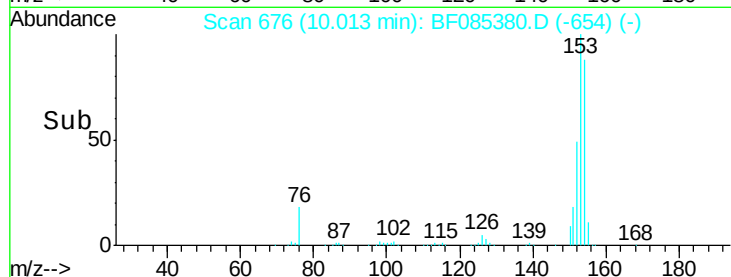
152 55.4 44.6 66.8



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: 42.66 ng

RT: 9.93 min Scan# 669

Delta R.T. -0.05 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

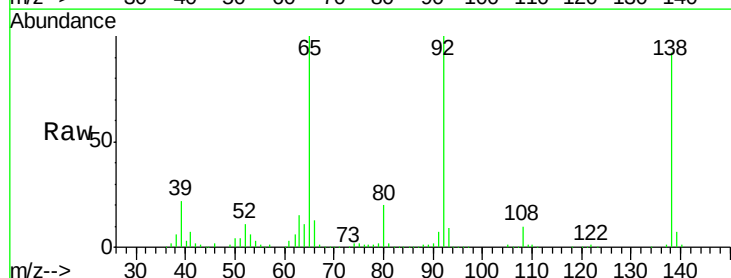
Tgt Ion:138 Resp: 205404

Ion Ratio Lower Upper

138 100

108 10.3 7.8 11.6

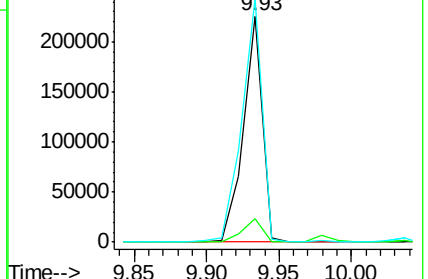
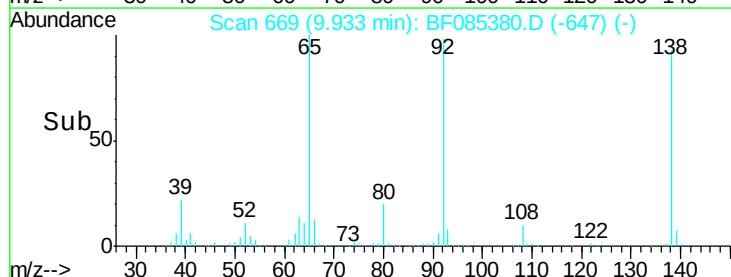
92 107.8 81.3 121.9

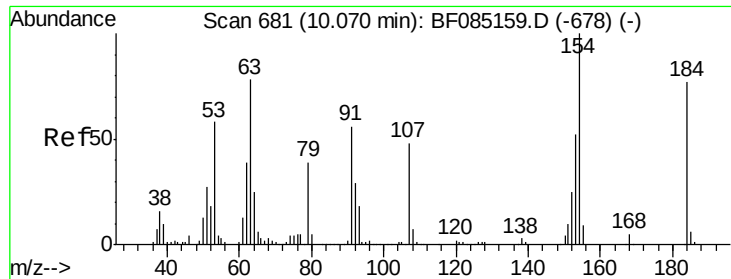


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

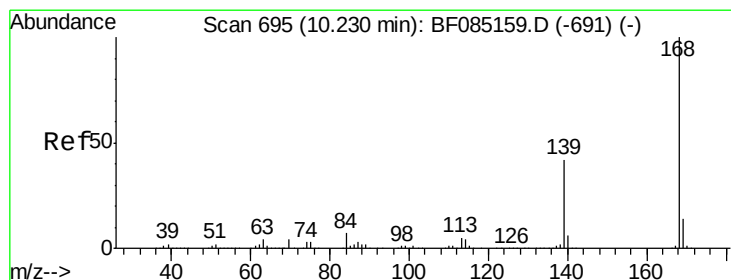
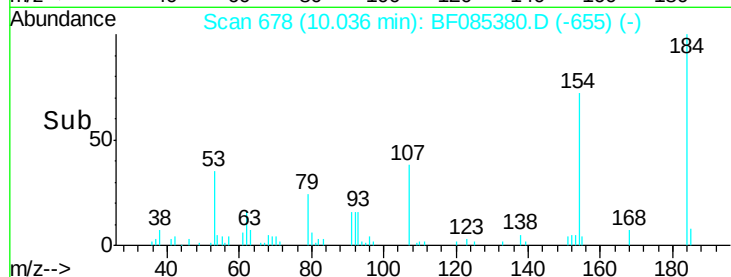
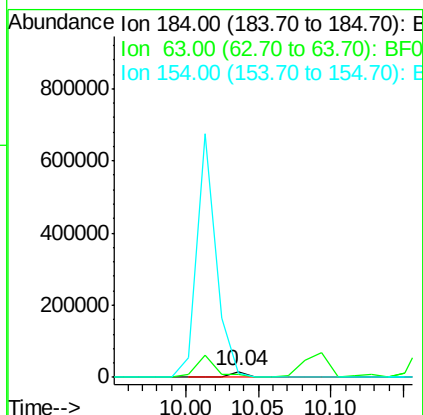
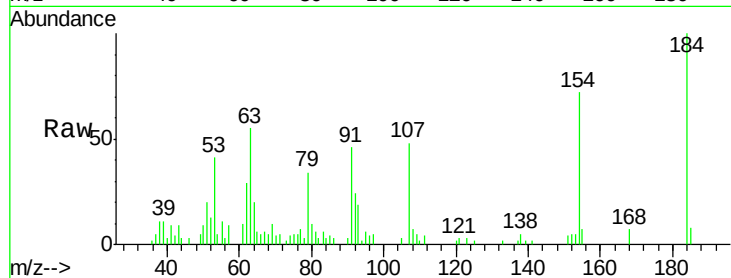




#53
 2,4-Dinitrophenol
 Concen: 14.21 ng
 RT: 10.04 min Scan# 678
 Delta R.T. -0.03 min
 Lab File: BF085380.D
 Acq: 11 Mar 2016 19:03

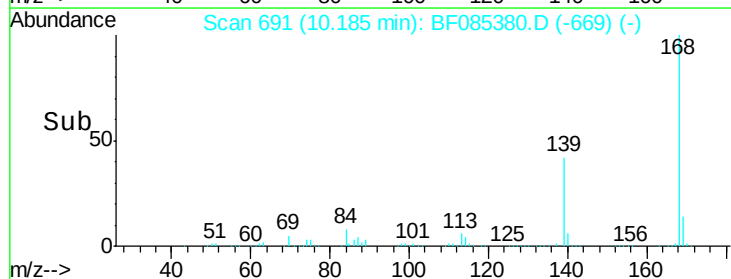
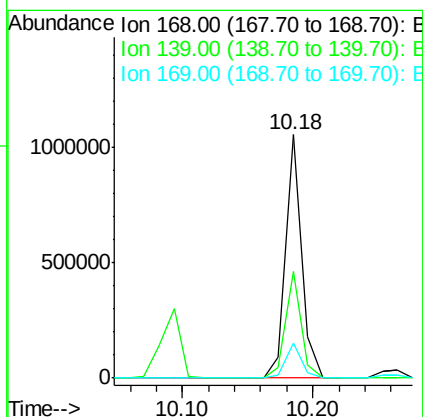
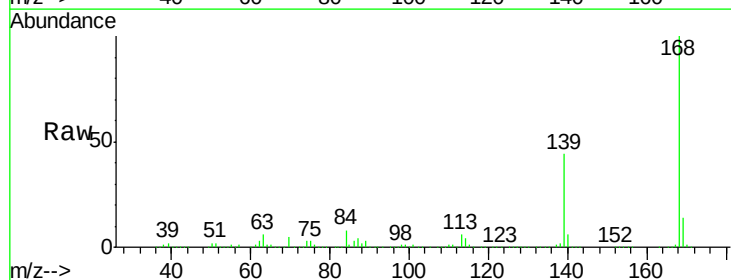
Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP2MSD

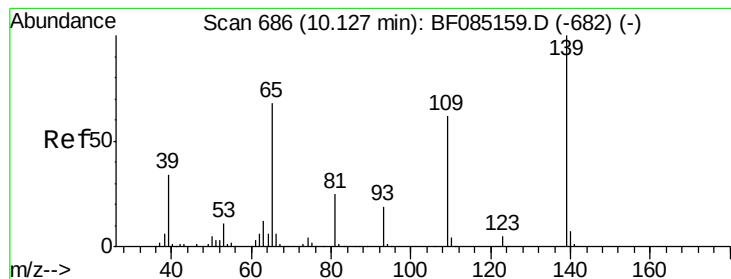
Tgt Ion:184 Resp: 14030
 Ion Ratio Lower Upper
 184 100
 63 55.3 82.2 123.4#
 154 71.5 108.9 163.3#



#54
 Dibenzofuran
 Concen: 46.21 ng
 RT: 10.18 min Scan# 691
 Delta R.T. -0.05 min
 Lab File: BF085380.D
 Acq: 11 Mar 2016 19:03

Tgt Ion:168 Resp: 913085
 Ion Ratio Lower Upper
 168 100
 139 43.6 33.6 50.4
 169 14.1 11.2 16.8





#55

4-Nitrophenol

Concen: 84.57 ng

RT: 10.09 min Scan# 683

Delta R.T. -0.03 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

Instrument :

BNA_F

ClientSampleId :

TEC-COMP2MSD

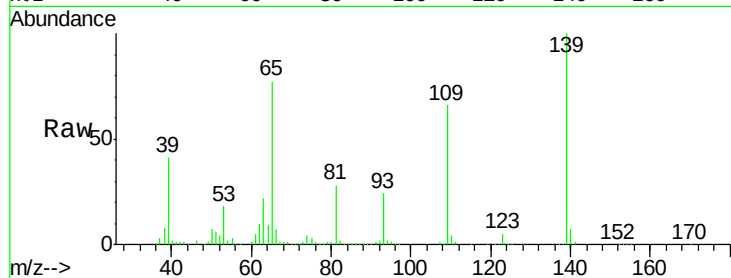
Tgt Ion:139 Resp: 319968

Ion Ratio Lower Upper

139 100

109 66.3 41.9 81.9

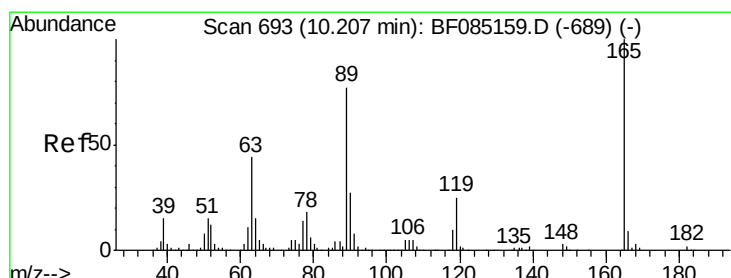
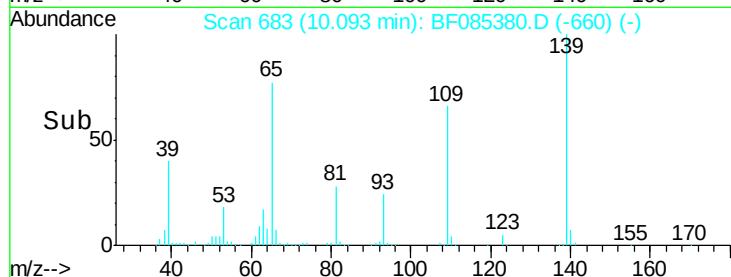
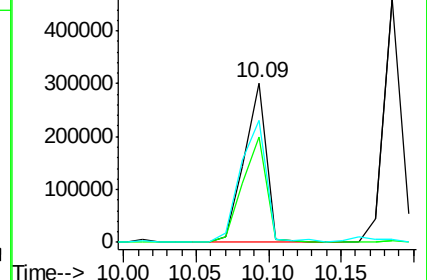
65 76.9 48.3 88.3



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: 42.29 ng

RT: 10.16 min Scan# 689

Delta R.T. -0.05 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

Tgt Ion:165 Resp: 217796

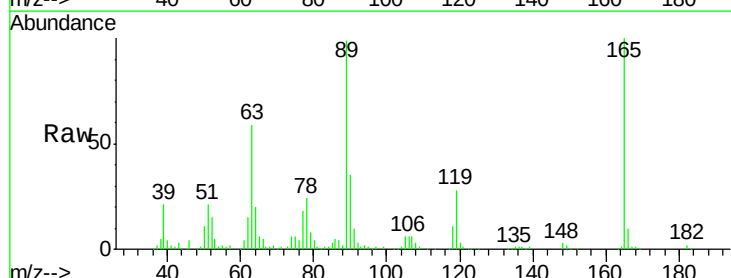
Ion Ratio Lower Upper

165 100

63 58.9 35.4 53.0#

89 99.3 61.9 92.9#

182 2.2 1.9 2.9

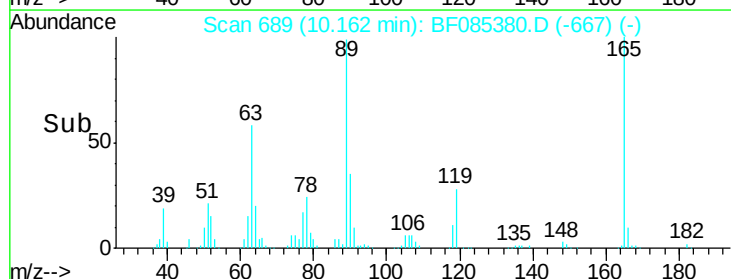
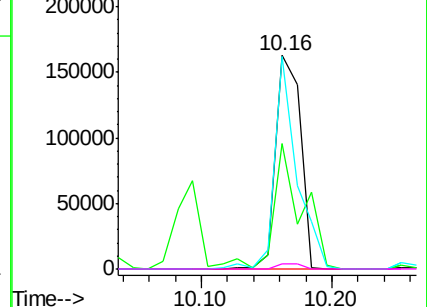


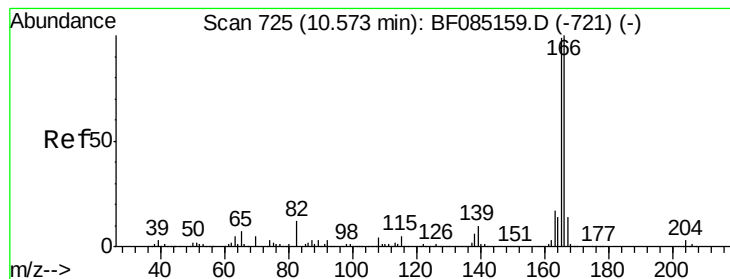
Abundance Ion 165.00 (164.70 to 165.70): E

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: 43.19 ng

RT: 10.53 min Scan# 721

Delta R.T. -0.05 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

Instrument :

BNA_F

ClientSampleId :

TEC-COMP2MSD

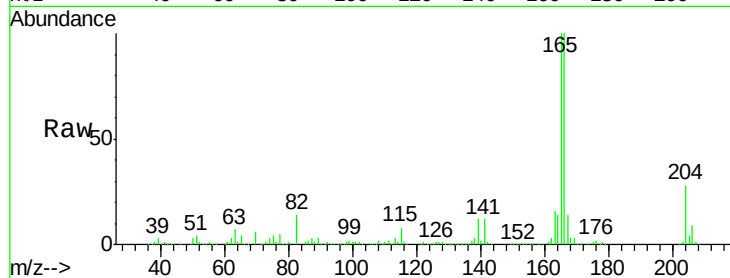
Tgt Ion:166 Resp: 670404

Ion Ratio Lower Upper

166 100

165 99.9 79.4 119.0

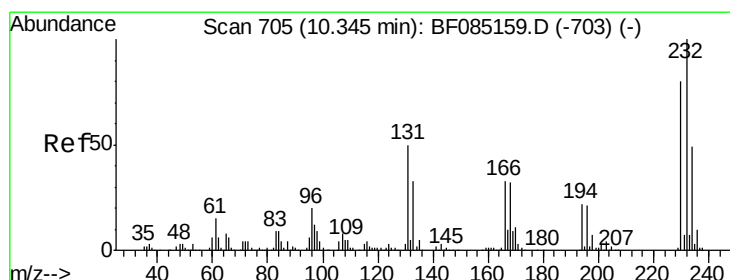
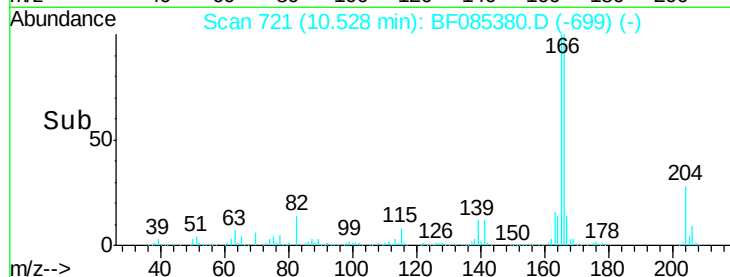
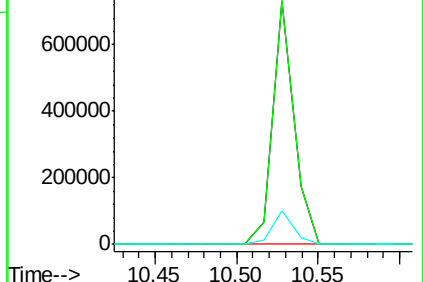
167 13.9 11.0 16.6



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: 47.14 ng

RT: 10.30 min Scan# 701

Delta R.T. -0.05 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

Tgt Ion:232 Resp: 163808

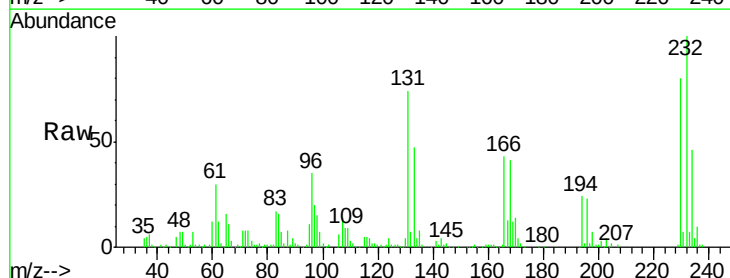
Ion Ratio Lower Upper

232 100

131 58.2 46.0 69.0

130 3.0 2.2 3.4

166 35.7 28.8 43.2

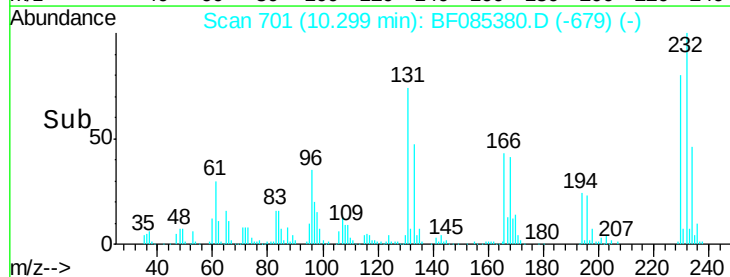
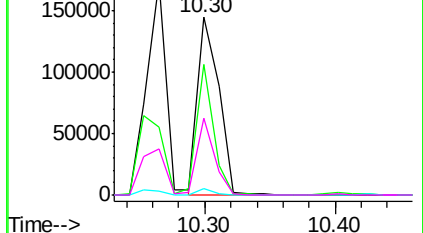


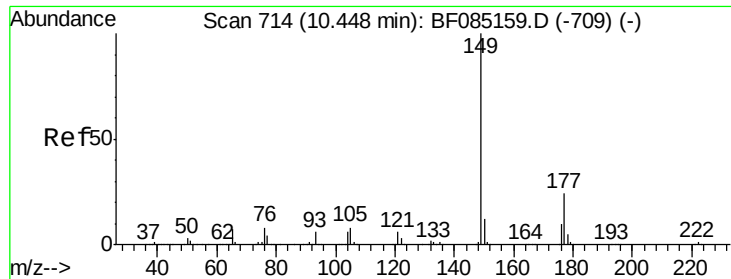
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

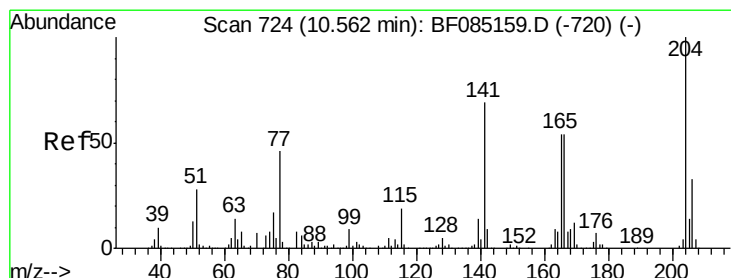
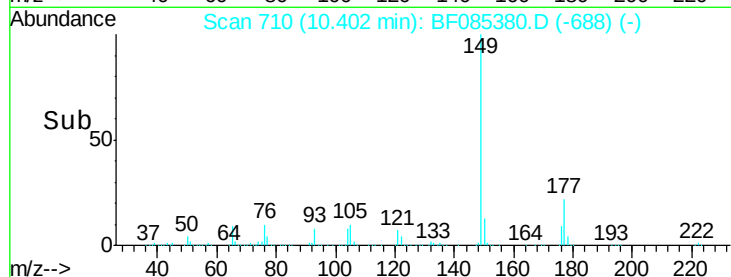
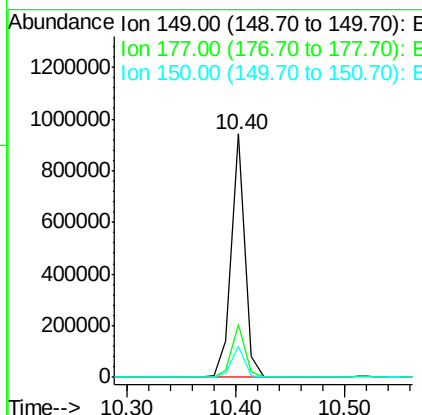
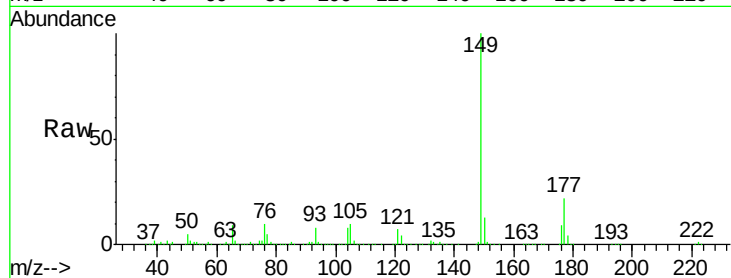




#59
Diethylphthalate
Concen: 43.88 ng
RT: 10.40 min Scan# 710
Delta R.T. -0.05 min
Lab File: BF085380.D
Acq: 11 Mar 2016 19:03

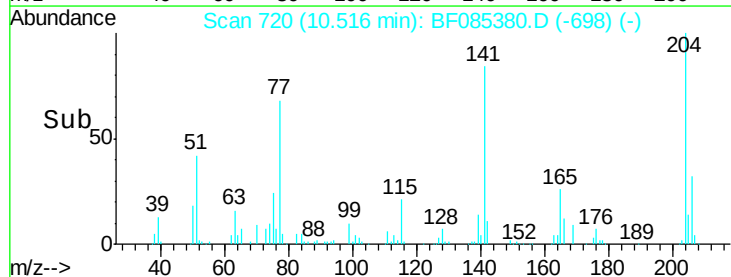
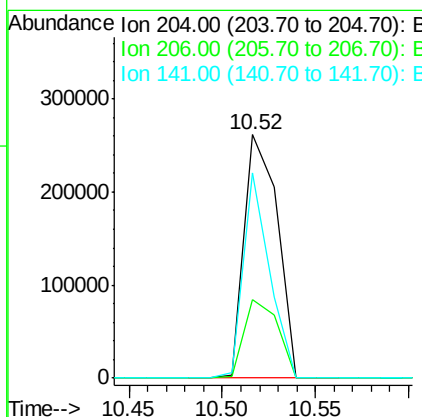
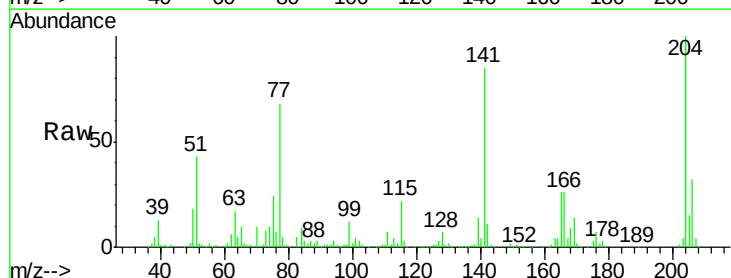
Instrument :
BNA_F
ClientSampleId :
TEC-COMP2MSD

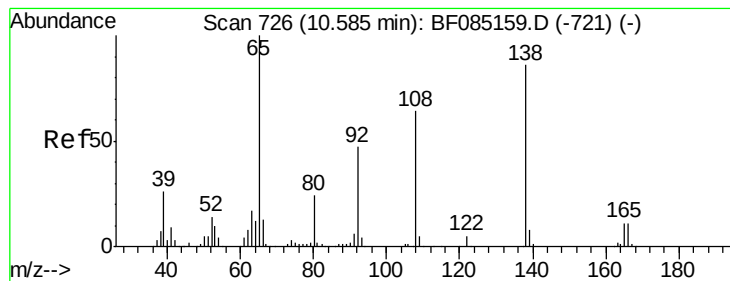
Tgt Ion:149 Resp: 800977
Ion Ratio Lower Upper
149 100
177 21.8 19.2 28.8
150 12.7 9.9 14.9



#60
4-Chlorophenyl-phenylether
Concen: 42.86 ng
RT: 10.52 min Scan# 720
Delta R.T. -0.05 min
Lab File: BF085380.D
Acq: 11 Mar 2016 19:03

Tgt Ion:204 Resp: 323688
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 84.5 55.4 83.2#





#61

4-Nitroaniline

Concen: 43.31 ng

RT: 10.55 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

Instrument :

BNA_F

ClientSampleId :

TEC-COMP2MSD

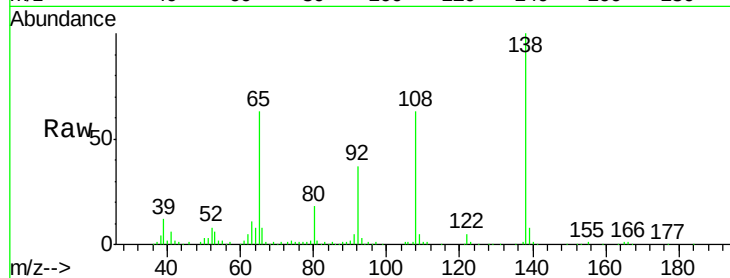
Tgt Ion:138 Resp: 195013

Ion Ratio Lower Upper

138 100

92 37.5 34.2 74.2

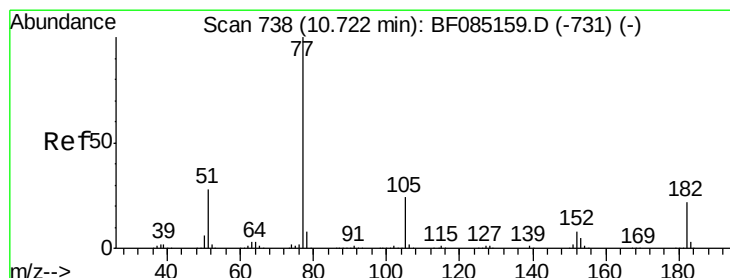
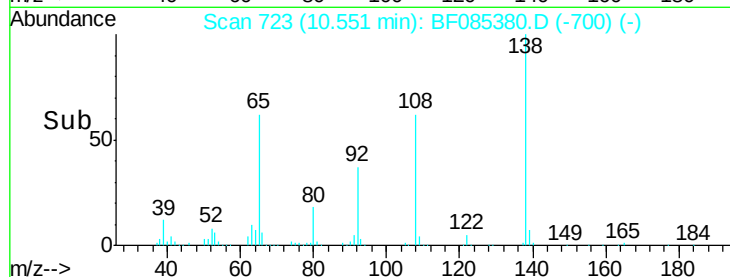
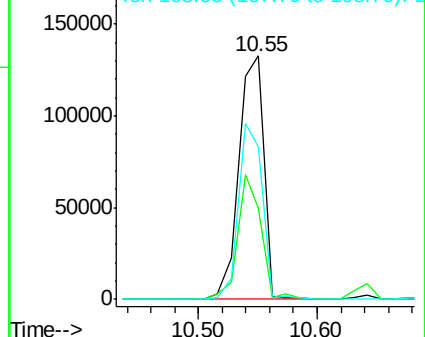
108 62.8 53.9 93.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.80 ng

RT: 10.68 min Scan# 734

Delta R.T. -0.05 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

Tgt Ion: 77 Resp: 823664

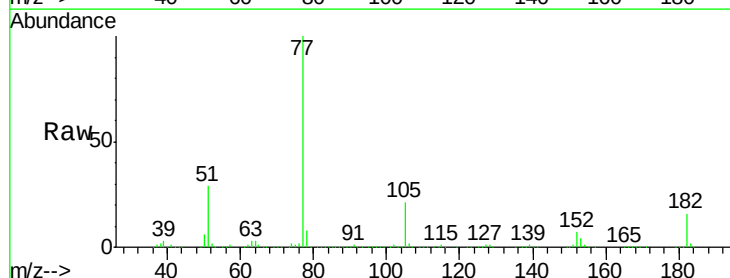
Ion Ratio Lower Upper

77 100

182 16.5 2.1 42.1

105 21.2 3.8 43.8

51 28.9 7.8 47.8

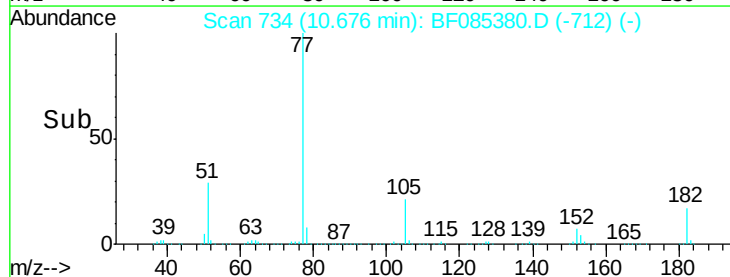
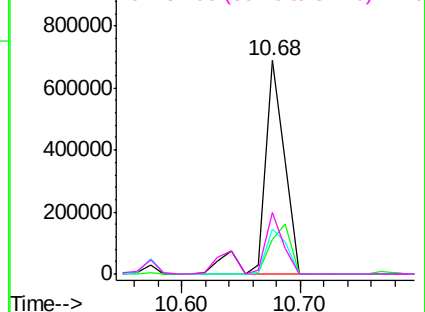


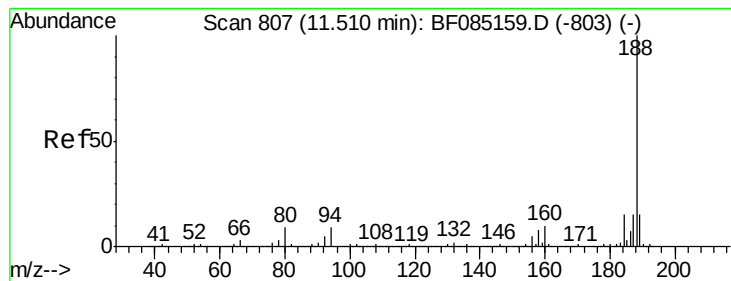
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.47 min Scan# 803

Delta R.T. -0.05 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

Instrument :

BNA_F

ClientSampleId :

TEC-COMP2MSD

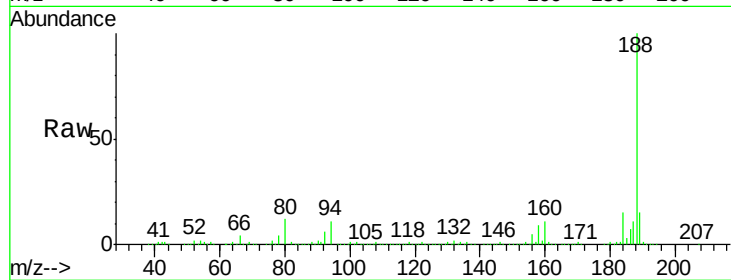
Tgt Ion:188 Resp: 407246

Ion Ratio Lower Upper

188 100

94 10.8 7.0 10.6#

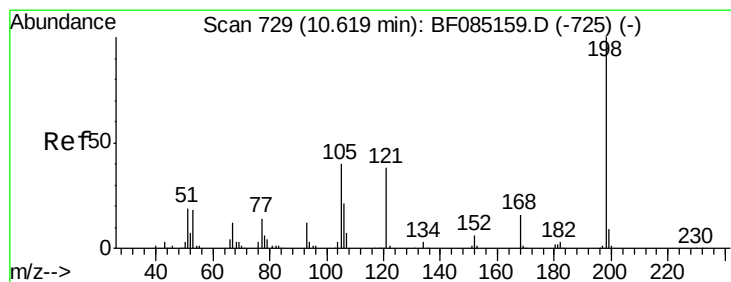
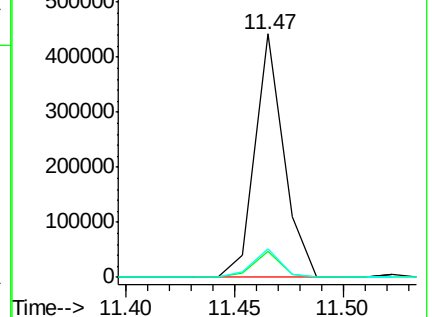
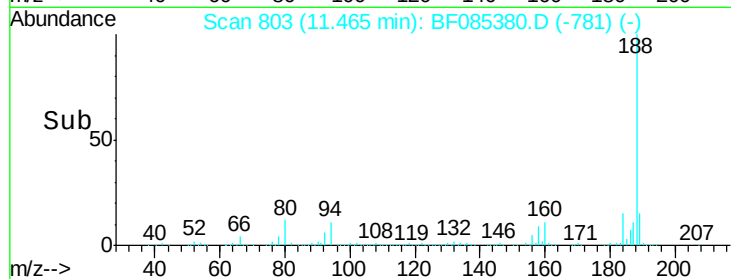
80 11.6 7.4 11.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 30.48 ng

RT: 10.57 min Scan# 725

Delta R.T. -0.04 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

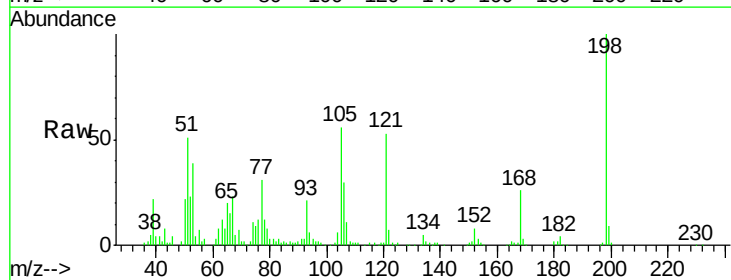
Tgt Ion:198 Resp: 74316

Ion Ratio Lower Upper

198 100

51 51.1 9.5 49.5#

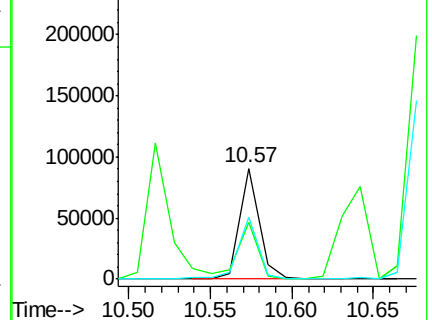
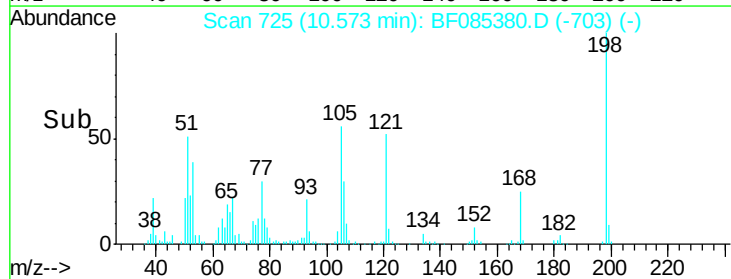
105 56.4 20.5 60.5

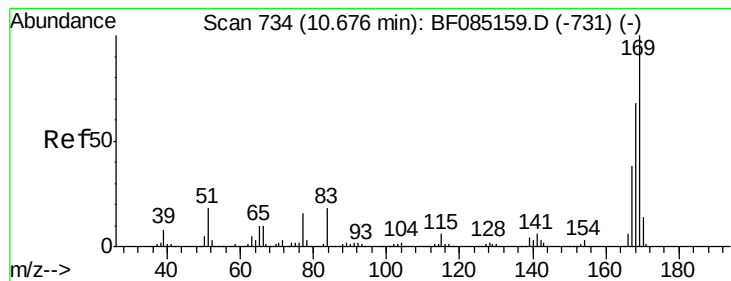


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

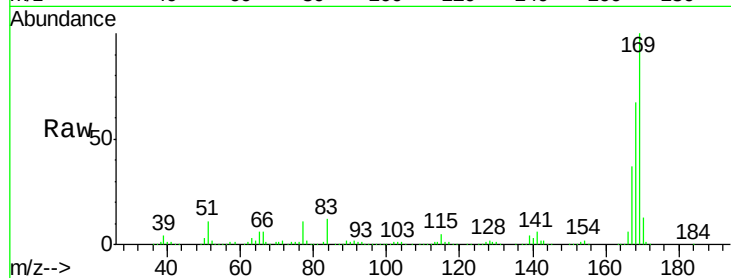




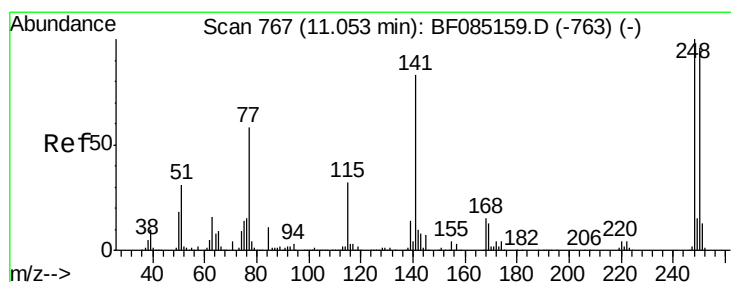
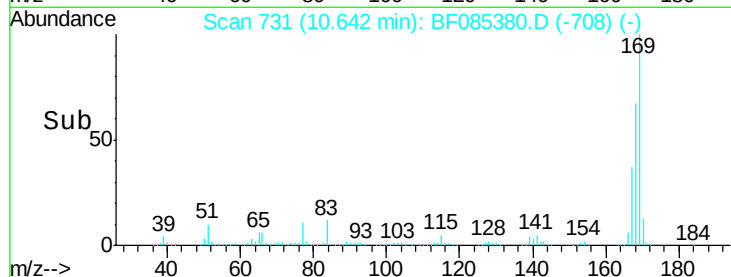
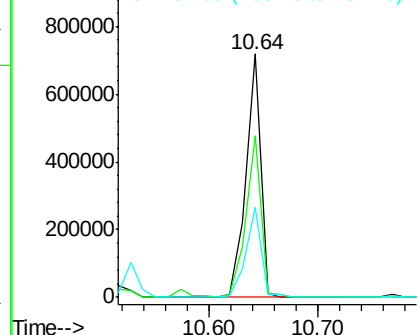
#65
 n-Nitrosodiphenylamine
 Concen: 52.27 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.03 min
 Lab File: BF085380.D
 Acq: 11 Mar 2016 19:03

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP2MSD

Tgt Ion:169 Resp: 662143
 Ion Ratio Lower Upper
 169 100
 168 66.6 54.8 82.2
 167 37.0 30.3 45.5

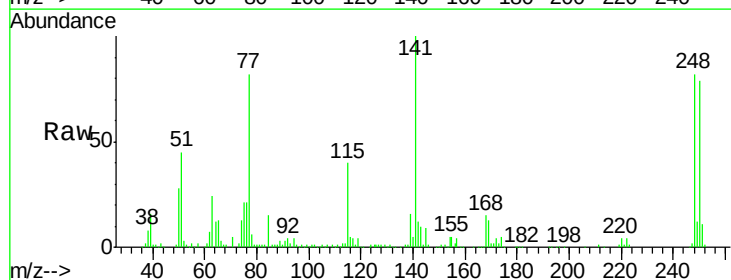


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

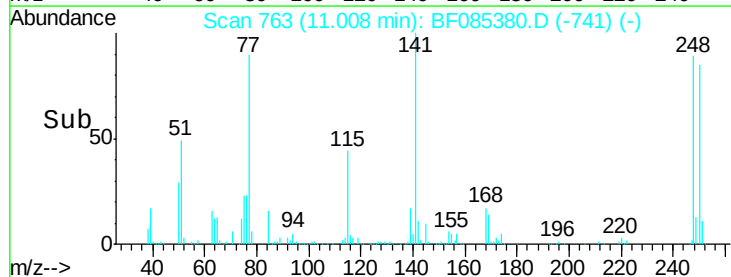
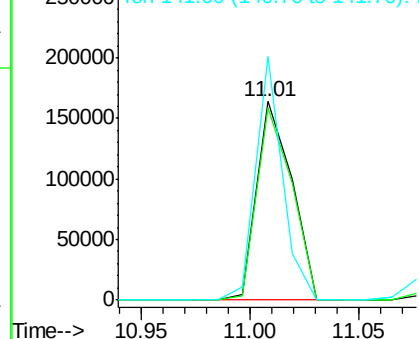


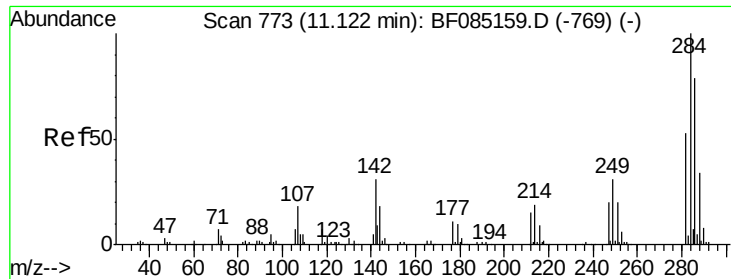
#66
 4-Bromophenyl-phenylether
 Concen: 46.62 ng
 RT: 11.01 min Scan# 763
 Delta R.T. -0.05 min
 Lab File: BF085380.D
 Acq: 11 Mar 2016 19:03

Tgt Ion:248 Resp: 184336
 Ion Ratio Lower Upper
 248 100
 250 96.7 77.1 115.7
 141 122.5 66.2 99.2#



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

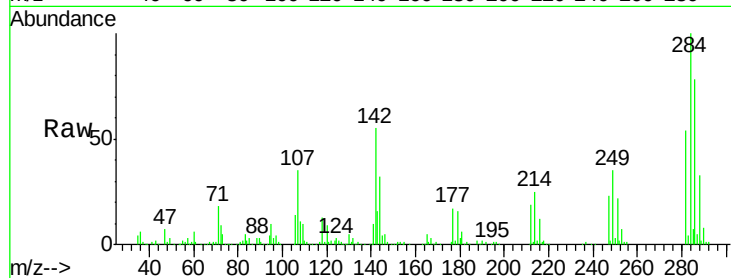




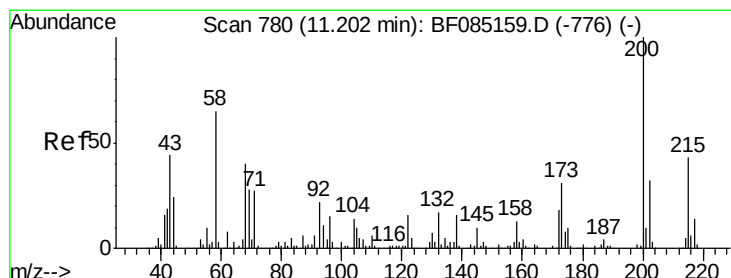
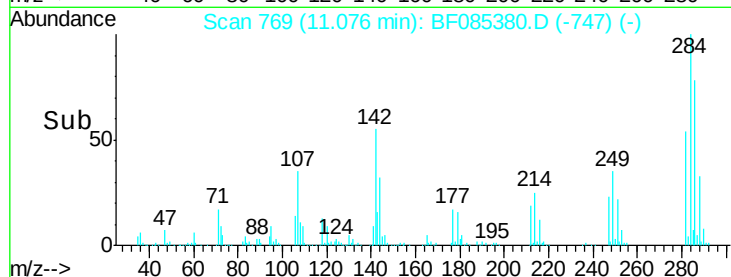
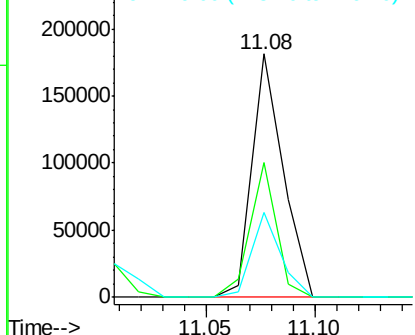
#67
Hexachlorobenzene
Concen: 42.77 ng
RT: 11.08 min Scan# 769
Delta R.T. -0.05 min
Lab File: BF085380.D
Acq: 11 Mar 2016 19:03

Instrument :
BNA_F
ClientSampleId :
TEC-COMP2MSD

Tgt Ion	Ratio	Lower	Upper
284	100		
142	55.2	24.9	37.3#
249	35.1	25.0	37.4

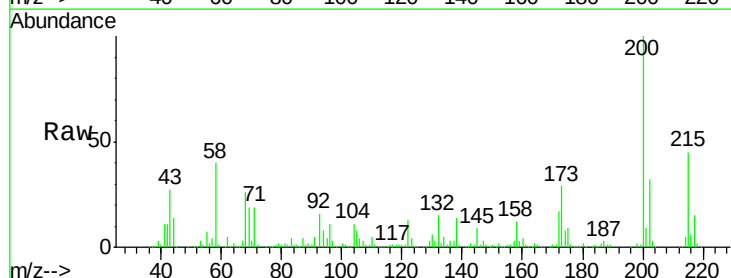


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

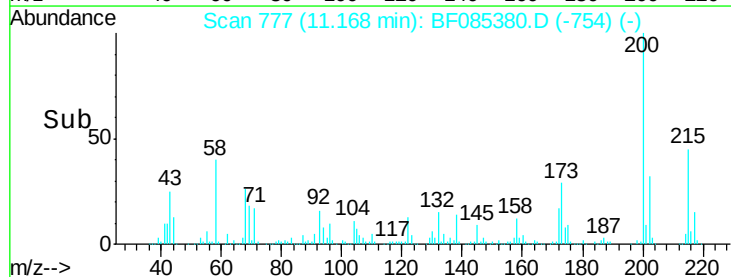
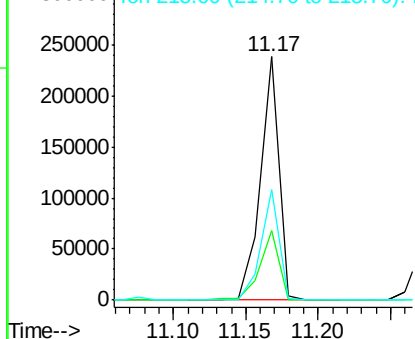


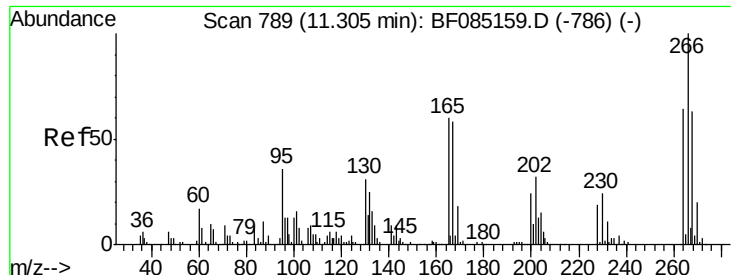
#68
Atrazine
Concen: 59.76 ng
RT: 11.17 min Scan# 777
Delta R.T. -0.03 min
Lab File: BF085380.D
Acq: 11 Mar 2016 19:03

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.8	10.5	50.5
215	45.2	23.4	63.4



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

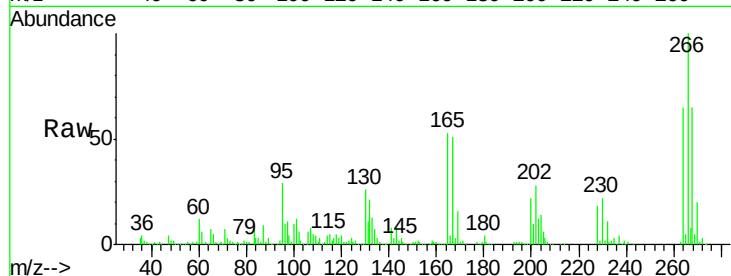




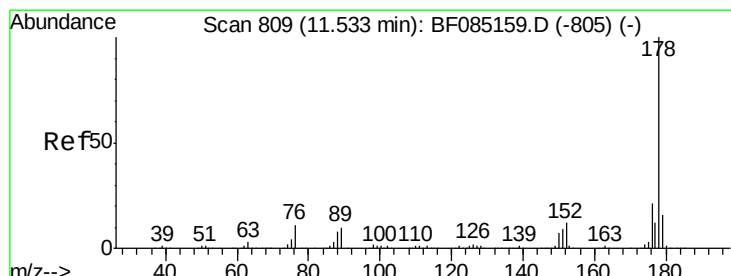
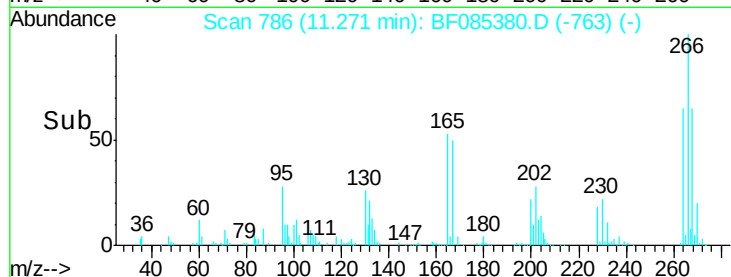
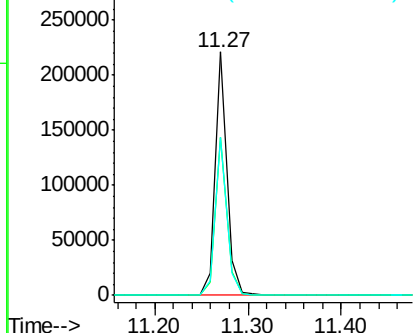
#69
 Pentachlorophenol
 Concen: 82.29 ng
 RT: 11.27 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF085380.D
 Acq: 11 Mar 2016 19:03

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP2MSD

Tgt Ion:266 Resp: 192702
 Ion Ratio Lower Upper
 266 100
 268 64.8 50.0 75.0
 264 64.9 51.4 77.2

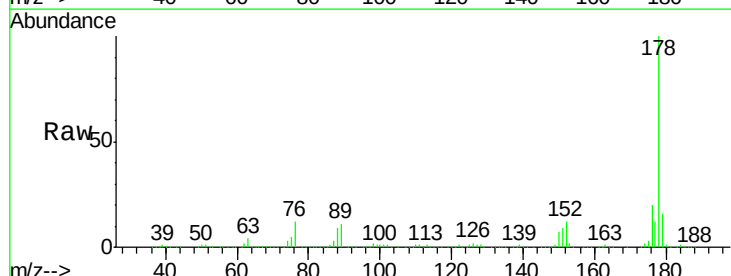


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

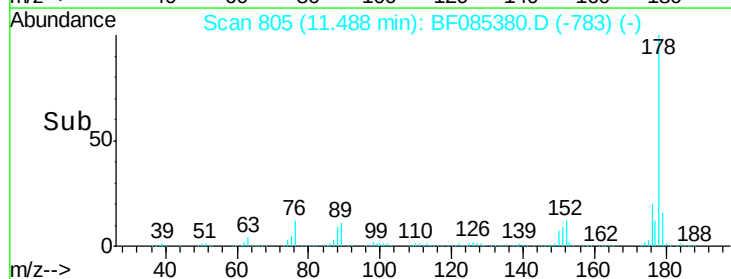
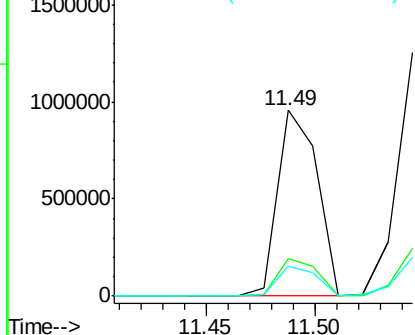


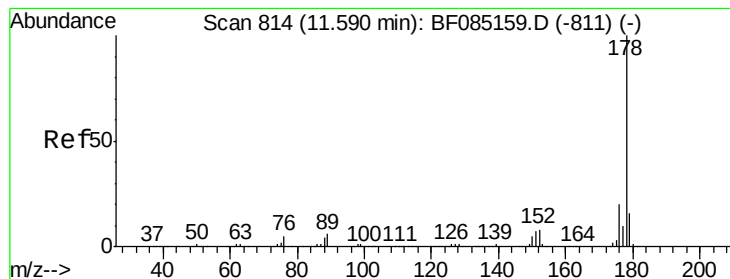
#70
 Phenanthrene
 Concen: 57.19 ng
 RT: 11.49 min Scan# 805
 Delta R.T. -0.05 min
 Lab File: BF085380.D
 Acq: 11 Mar 2016 19:03

Tgt Ion:178 Resp: 1220672
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.8 25.2
 179 16.1 13.1 19.7



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

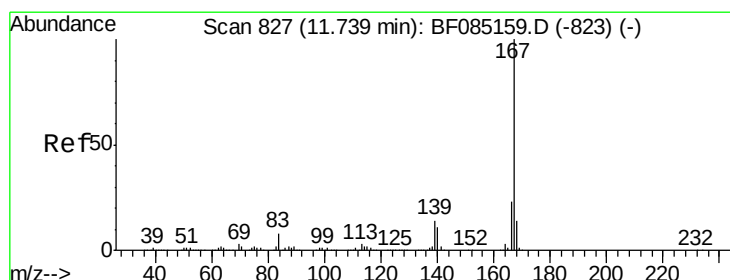
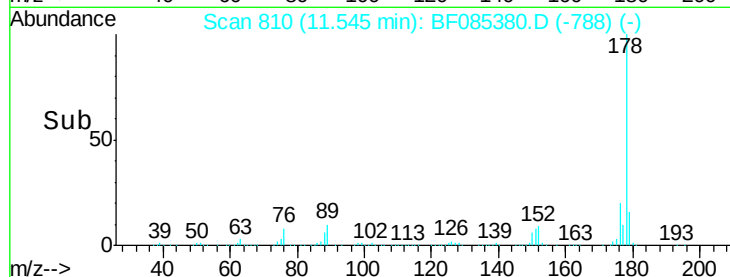
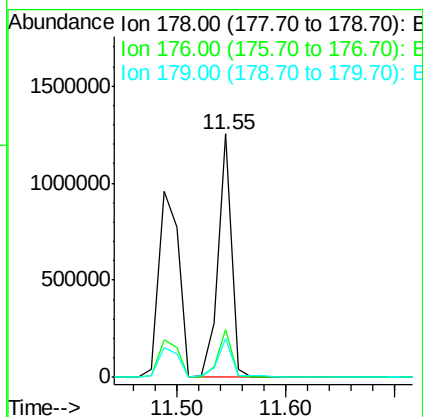
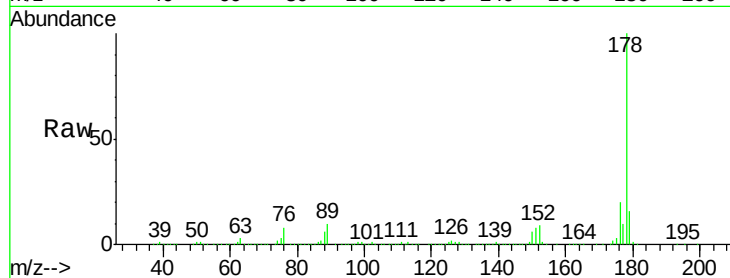




#71
 Anthracene
 Concen: 48.25 ng
 RT: 11.55 min Scan# 810
 Delta R.T. -0.05 min
 Lab File: BF085380.D
 Acq: 11 Mar 2016 19:03

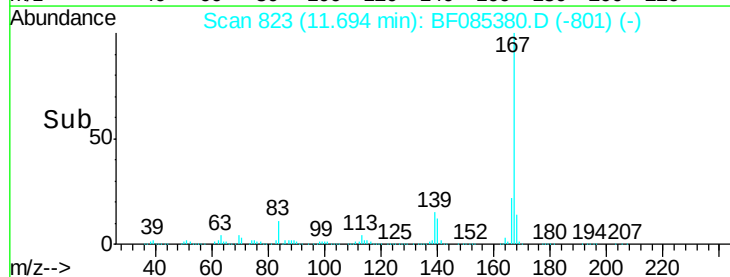
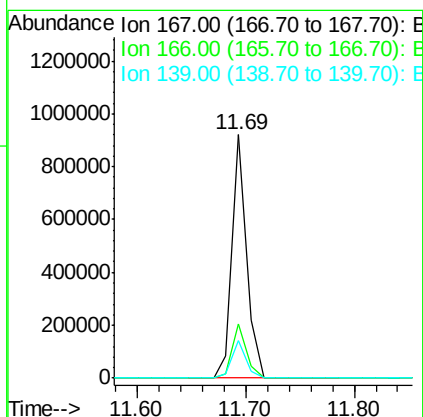
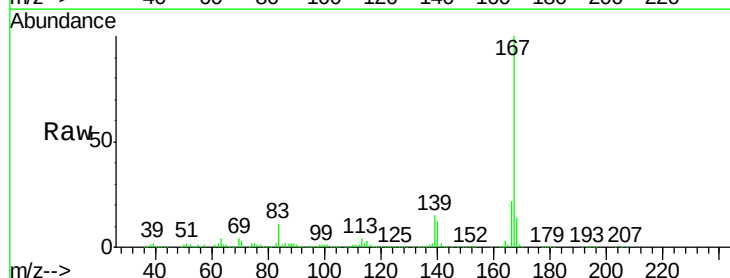
Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP2MSD

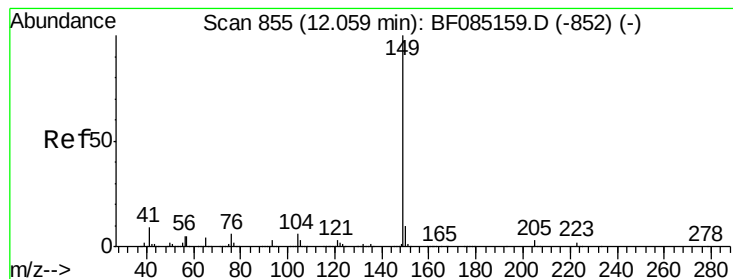
Tgt Ion:178 Resp: 1093108
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.9 23.9
 179 15.7 12.5 18.7



#72
 Carbazole
 Concen: 42.45 ng
 RT: 11.69 min Scan# 823
 Delta R.T. -0.05 min
 Lab File: BF085380.D
 Acq: 11 Mar 2016 19:03

Tgt Ion:167 Resp: 843448
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.2
 139 15.2 11.4 17.0





#73

Di-n-butylphthalate

Concen: 42.82 ng

RT: 12.03 min Scan# 852

Delta R.T. -0.03 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

Instrument :

BNA_F

ClientSampleId :

TEC-COMP2MSD

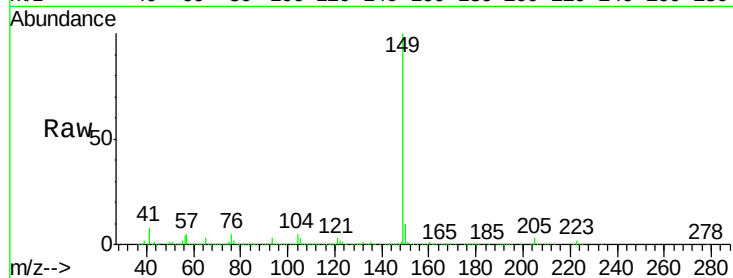
Tgt Ion:149 Resp: 1075458

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

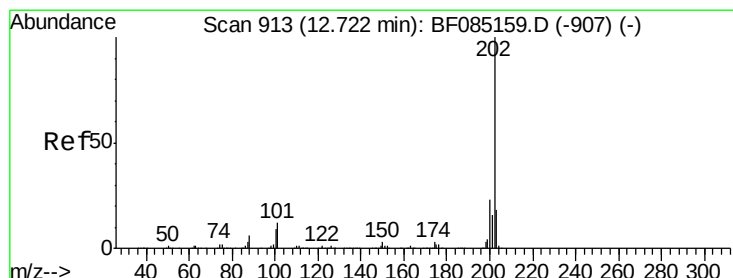
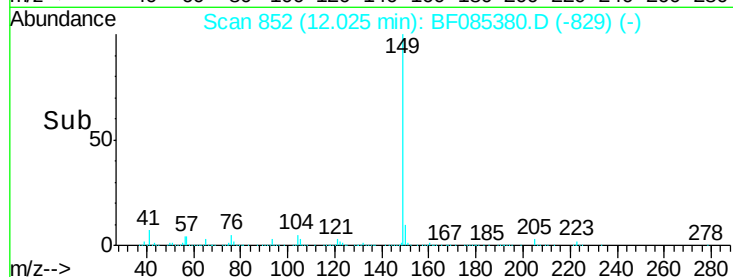
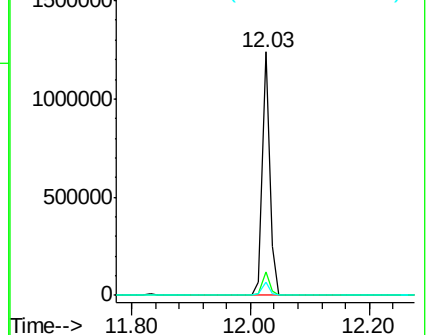
104 5.4 4.7 7.1



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: 47.67 ng

RT: 12.68 min Scan# 909

Delta R.T. -0.05 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

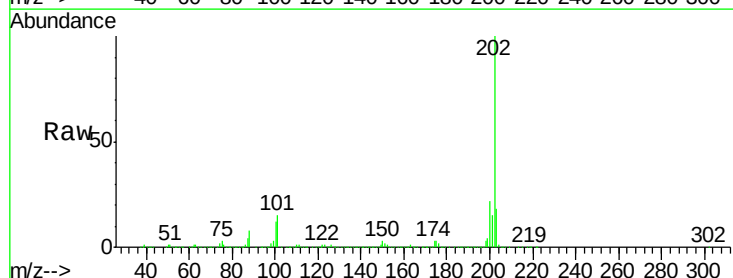
Tgt Ion:202 Resp: 1021104

Ion Ratio Lower Upper

202 100

101 15.3 0.0 31.8

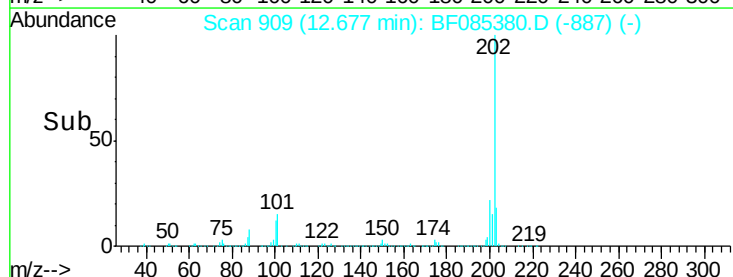
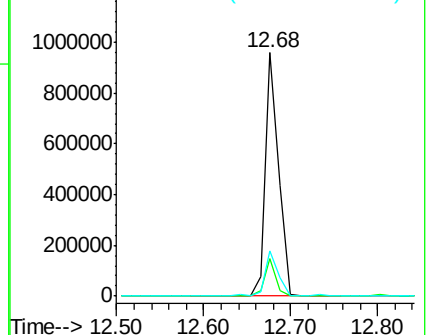
203 18.3 0.0 38.4

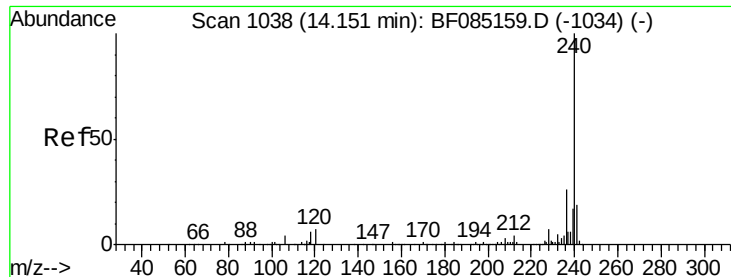


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.11 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

Instrument :

BNA_F

ClientSampleId :

TEC-COMP2MSD

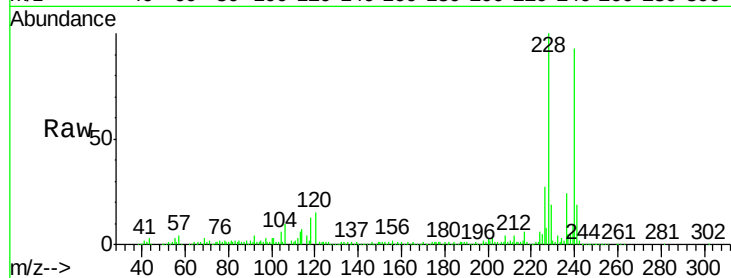
Tgt Ion:240 Resp: 246291

Ion Ratio Lower Upper

240 100

120 16.0 5.3 7.9#

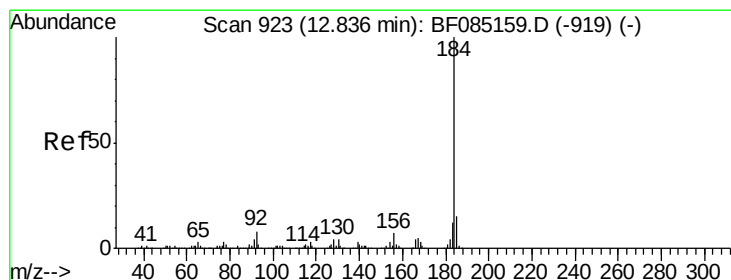
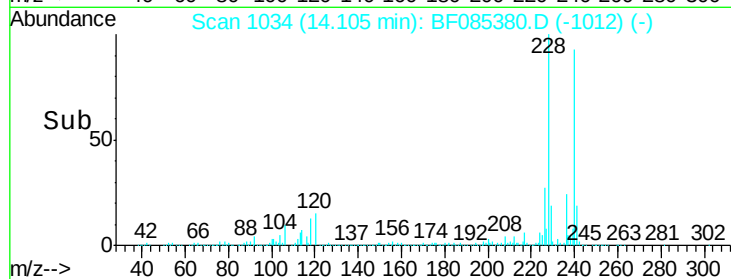
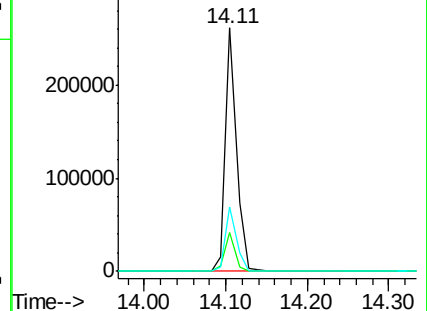
236 26.2 20.7 31.1



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: 75.98 ng

RT: 12.80 min Scan# 920

Delta R.T. -0.03 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

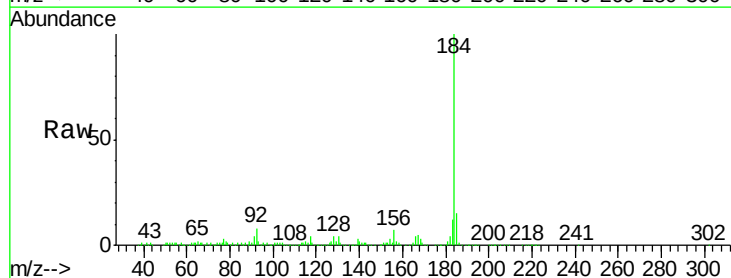
Tgt Ion:184 Resp: 556956

Ion Ratio Lower Upper

184 100

185 14.6 12.4 18.6

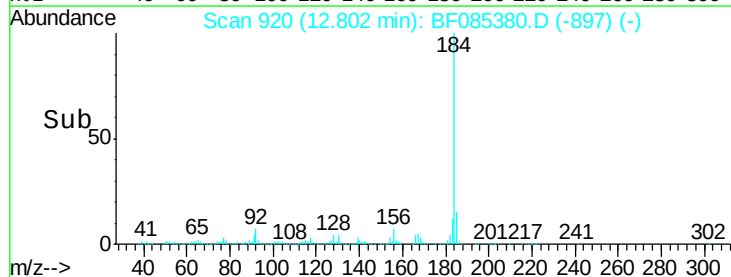
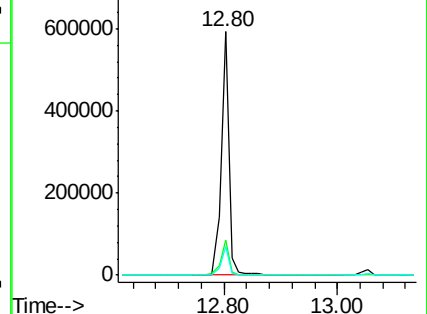
183 11.6 9.4 14.2

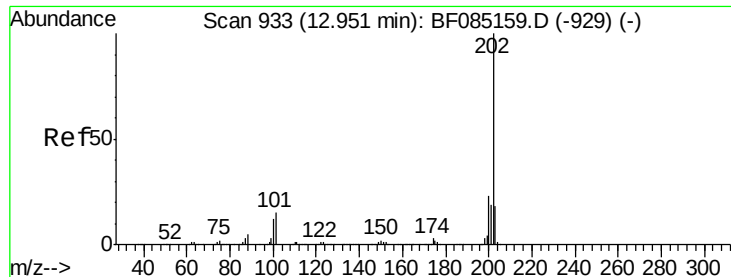


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 54.39 ng

RT: 12.91 min Scan# 929

Delta R.T. -0.05 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

Instrument :

BNA_F

ClientSampleId :

TEC-COMP2MSD

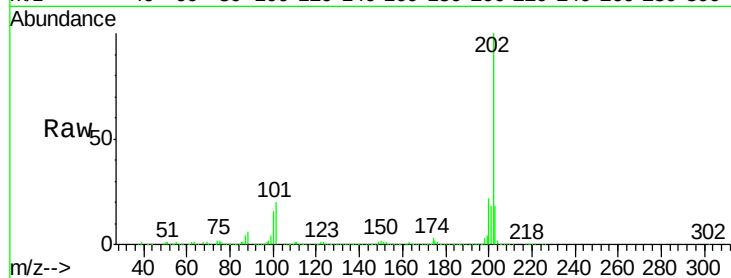
Tgt Ion:202 Resp: 1008223

Ion Ratio Lower Upper

202 100

200 22.0 18.2 27.4

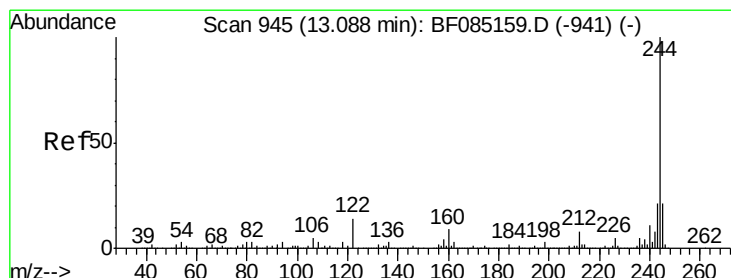
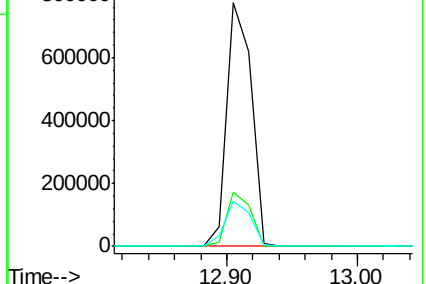
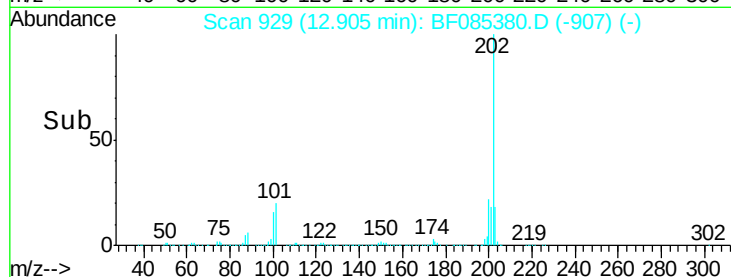
203 18.4 14.7 22.1



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: 91.98 ng

RT: 13.05 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

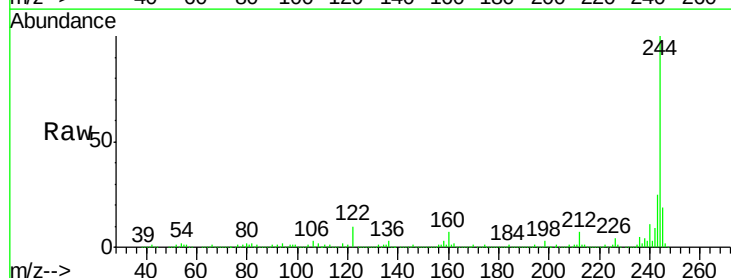
Tgt Ion:244 Resp: 975848

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

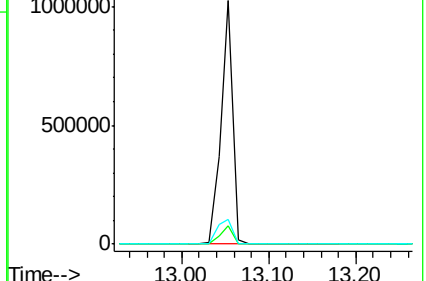
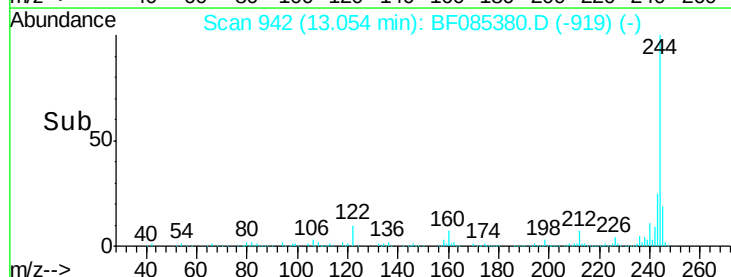
122 10.2 11.4 17.2#

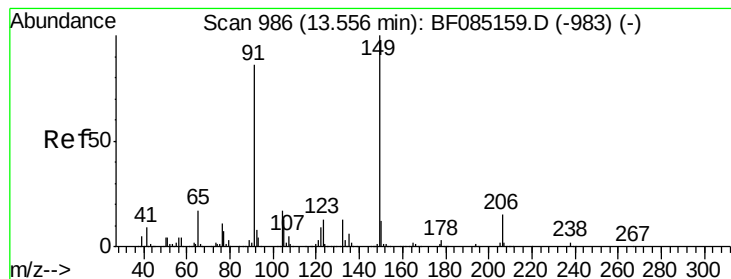


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 43.18 ng

RT: 13.52 min Scan# 983

Delta R.T. -0.03 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

Instrument :

BNA_F

ClientSampleId :

TEC-COMP2MSD

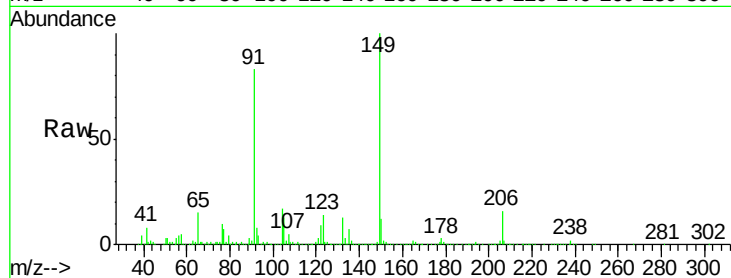
Tgt Ion:149 Resp: 363180

Ion Ratio Lower Upper

149 100

91 82.5 69.0 103.4

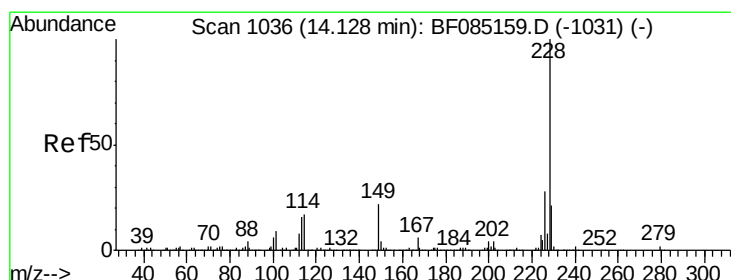
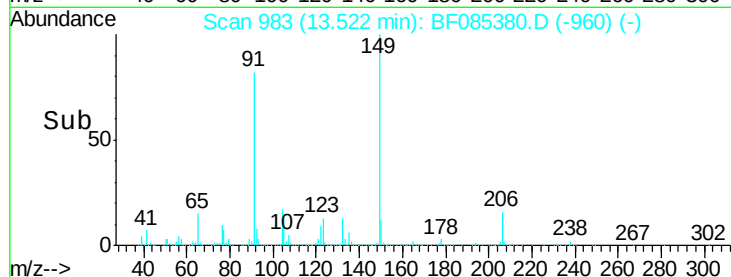
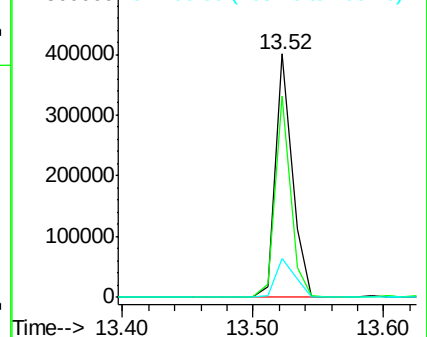
206 16.0 12.3 18.5



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: 47.25 ng

RT: 14.09 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

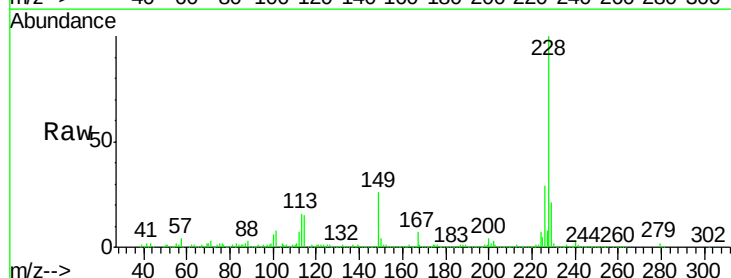
Tgt Ion:228 Resp: 696647

Ion Ratio Lower Upper

228 100

226 28.7 22.8 34.2

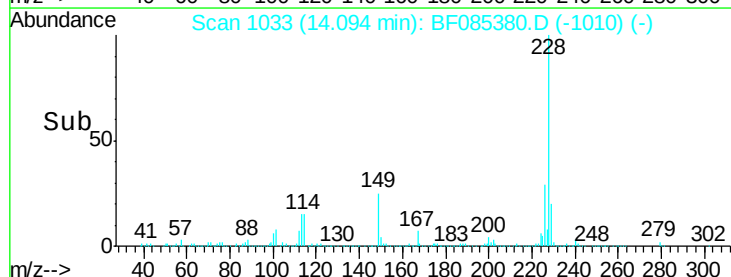
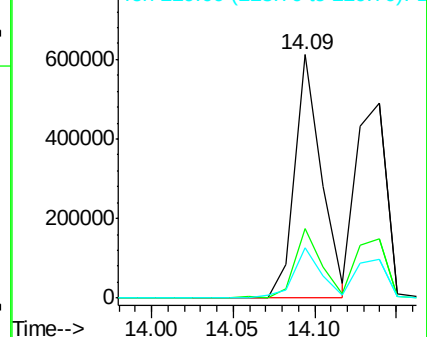
229 20.6 16.6 24.8

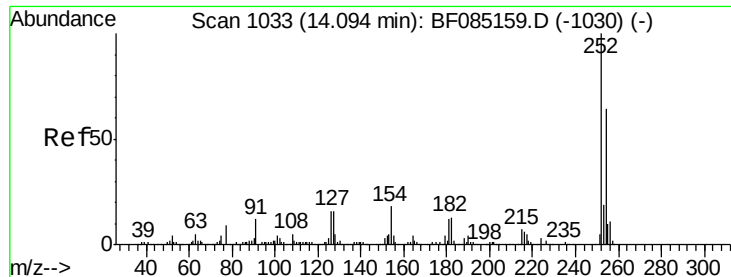


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

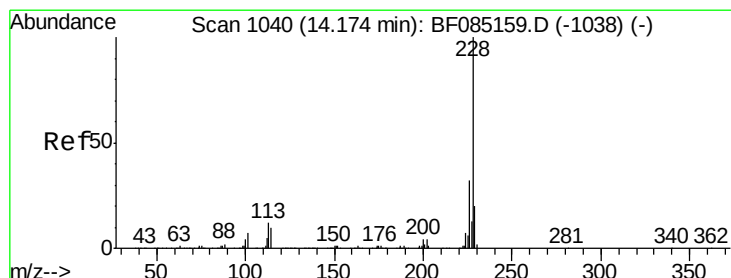
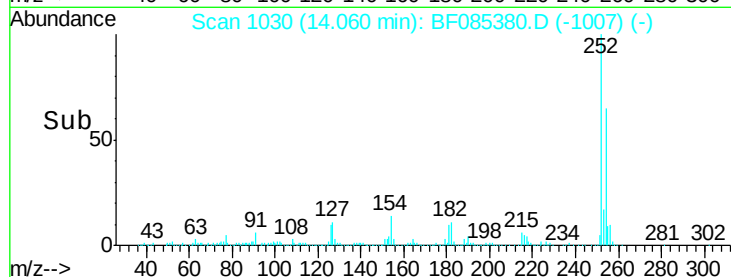
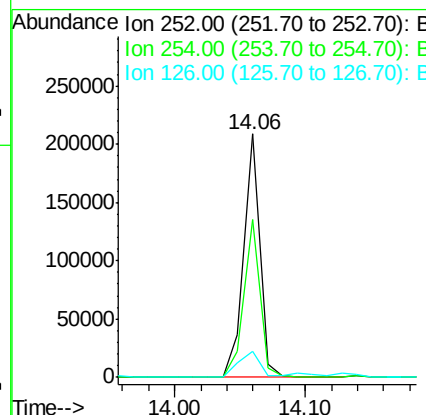
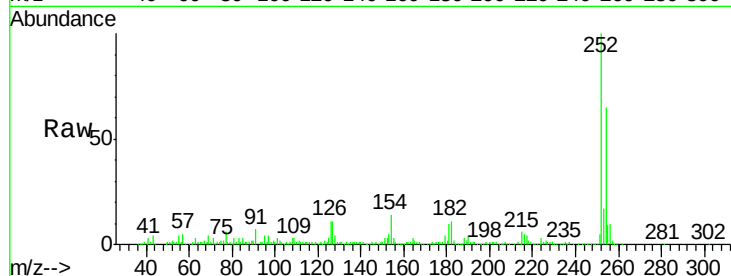




#81
 3,3'-Dichlorobenzidine
 Concen: 38.47 ng
 RT: 14.06 min Scan# 1030
 Delta R.T. -0.03 min
 Lab File: BF085380.D
 Acq: 11 Mar 2016 19:03

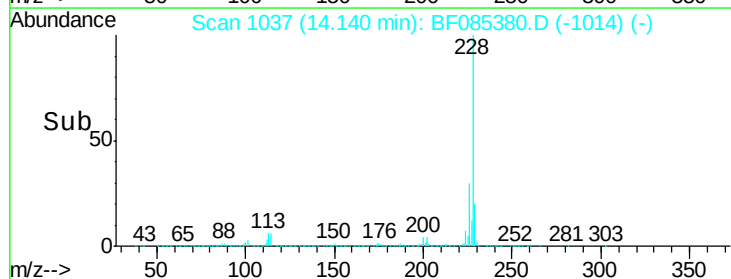
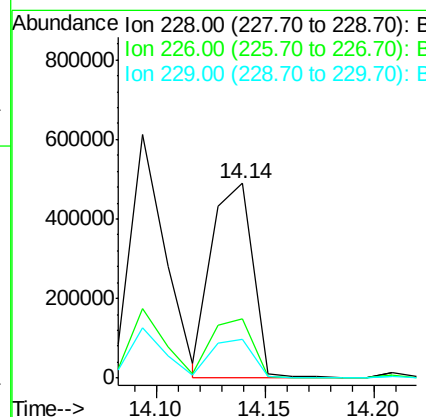
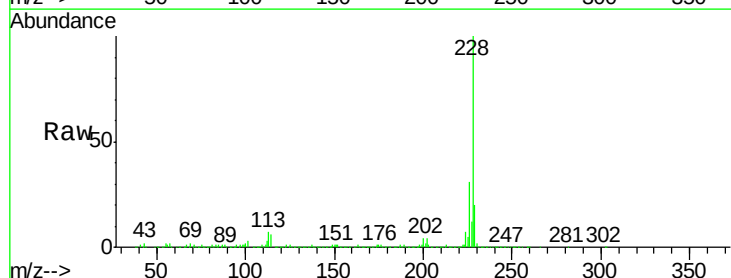
Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP2MSD

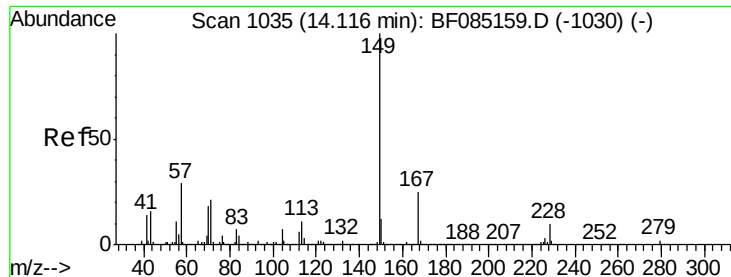
Tgt Ion:252 Resp: 178951
 Ion Ratio Lower Upper
 252 100
 254 65.0 51.4 77.0
 126 10.7 12.9 19.3#



#82
 Chrysene
 Concen: 46.82 ng
 RT: 14.14 min Scan# 1037
 Delta R.T. -0.03 min
 Lab File: BF085380.D
 Acq: 11 Mar 2016 19:03

Tgt Ion:228 Resp: 637750
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.2 37.8
 229 19.8 16.0 24.0

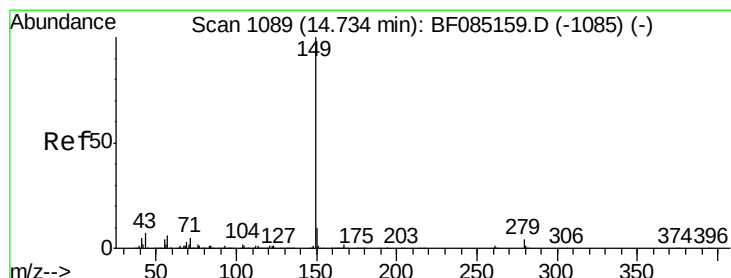
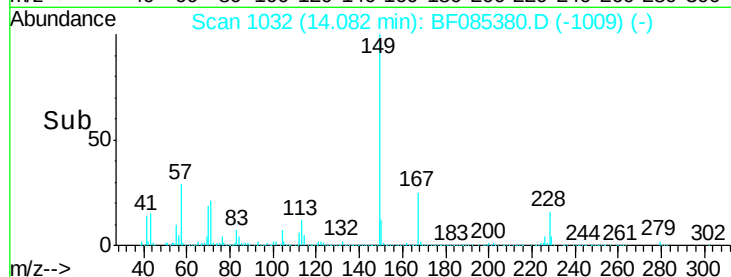
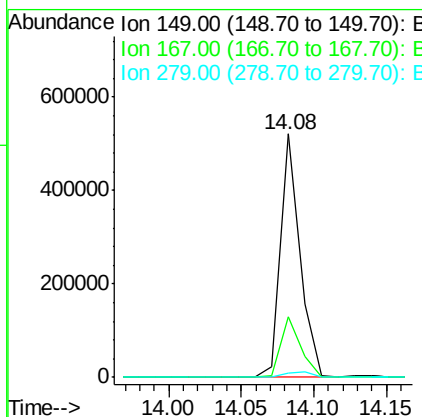
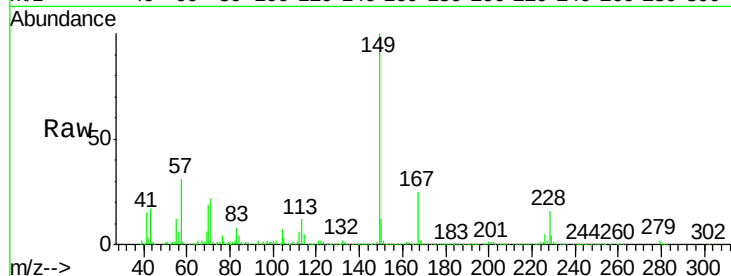




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.42 ng
 RT: 14.08 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BF085380.D
 Acq: 11 Mar 2016 19:03

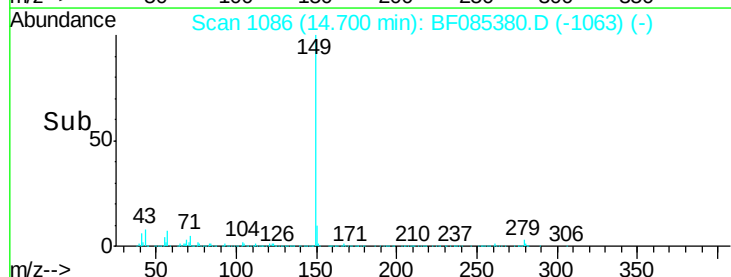
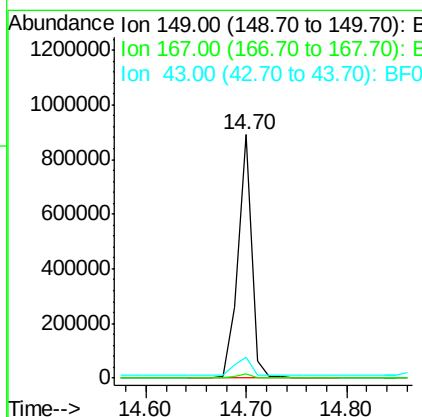
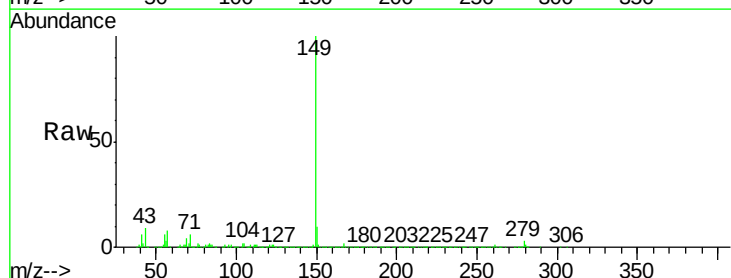
Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP2MSD

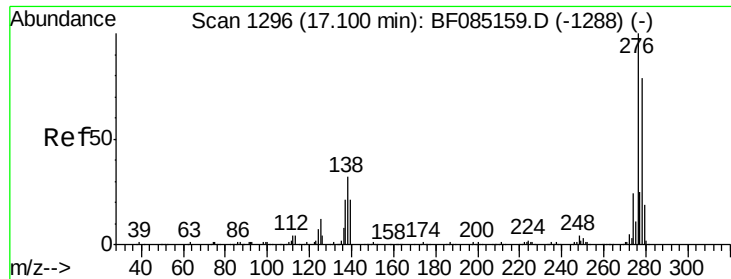
Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.6	20.3	30.5
279	2.0	1.9	2.9



#84
 Di-n-octyl phthalate
 Concen: 49.58 ng
 RT: 14.70 min Scan# 1086
 Delta R.T. -0.03 min
 Lab File: BF085380.D
 Acq: 11 Mar 2016 19:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	10.2	7.8	11.8





#85

Indeno(1,2,3-cd)pyrene

Concen: 75.88 ng

RT: 17.04 min Scan# 1291

Delta R.T. -0.06 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

Instrument :

BNA_F

ClientSampleId :

TEC-COMP2MSD

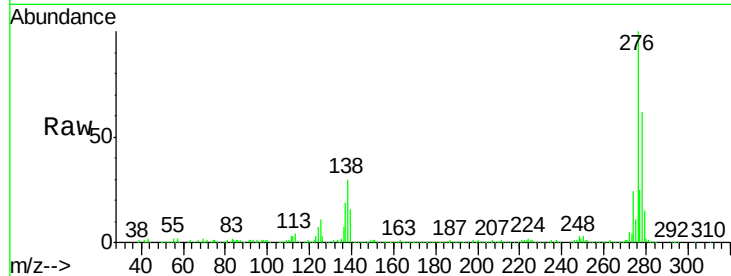
Tgt Ion: 276 Resp: 806556

Ion Ratio Lower Upper

276 100

138 31.1 26.4 39.6

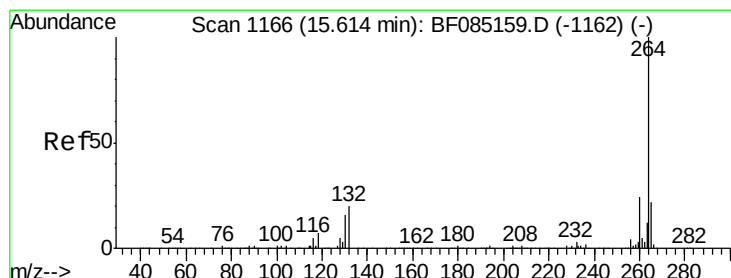
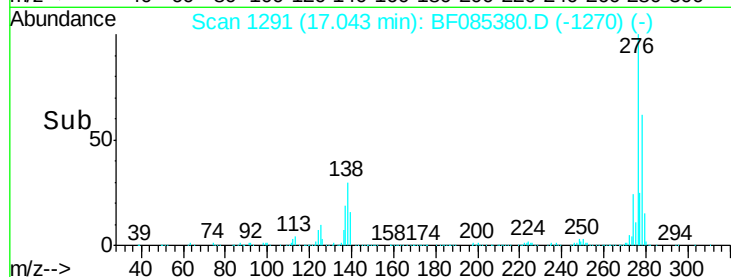
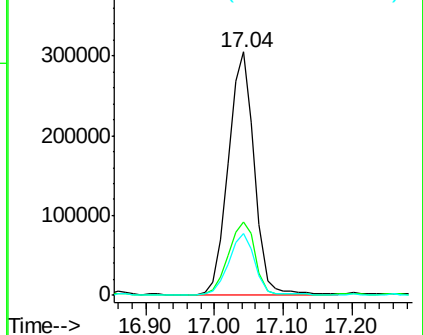
277 25.7 20.2 30.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.57 min Scan# 1162

Delta R.T. -0.05 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

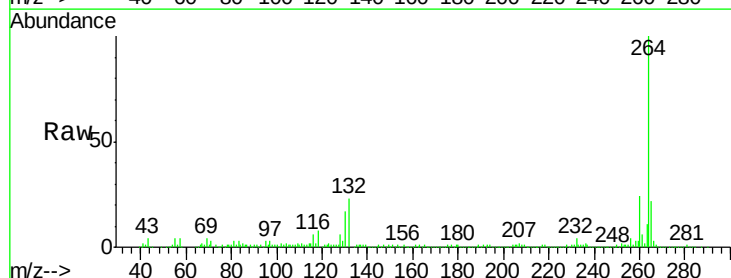
Tgt Ion: 264 Resp: 262651

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

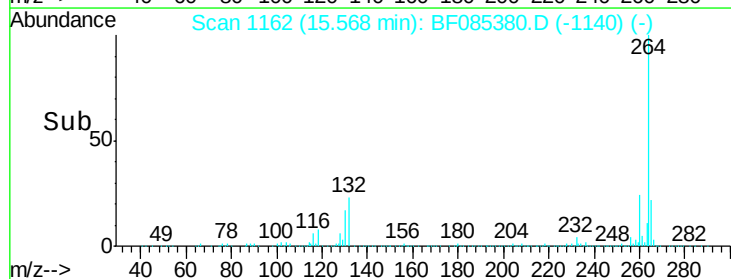
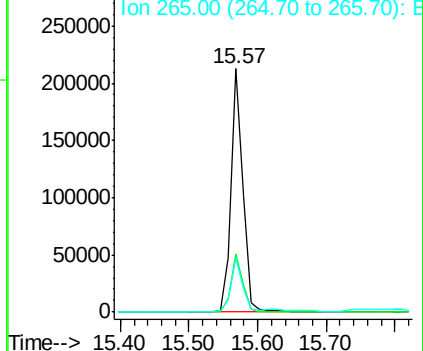
265 22.1 17.3 25.9

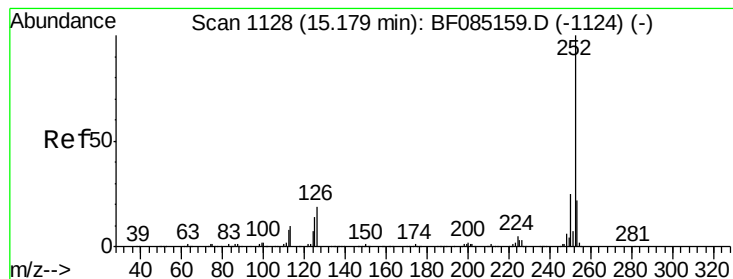


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 79.81 ng

RT: 15.15 min Scan# 1125

Delta R.T. -0.03 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

Instrument :

BNA_F

ClientSampleId :

TEC-COMP2MSD

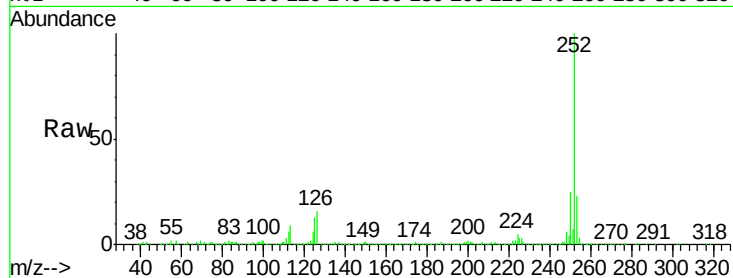
Tgt Ion:252 Resp: 1397242

Ion Ratio Lower Upper

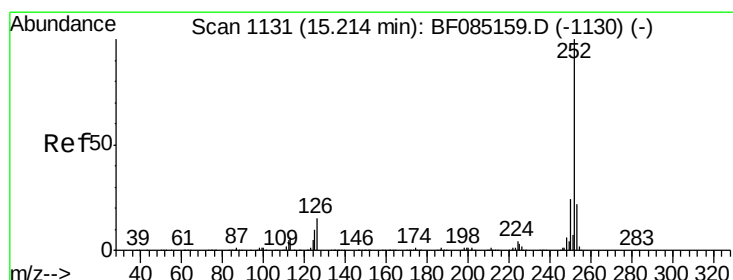
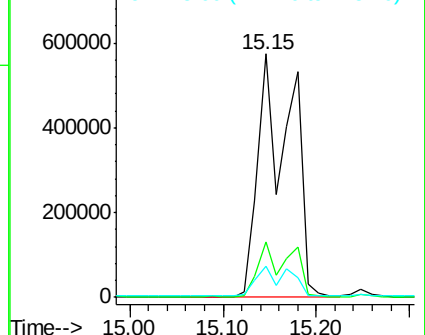
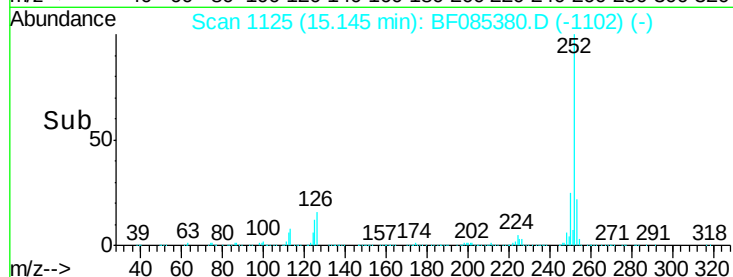
252 100

253 22.6 17.8 26.6

125 12.7 11.3 16.9



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: 98.95 ng

RT: 15.15 min Scan# 1125

Delta R.T. -0.07 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

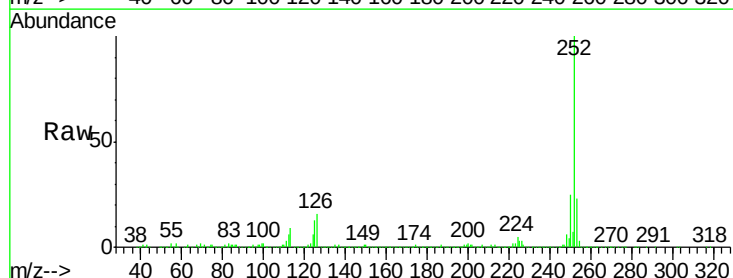
Tgt Ion:252 Resp: 1397242

Ion Ratio Lower Upper

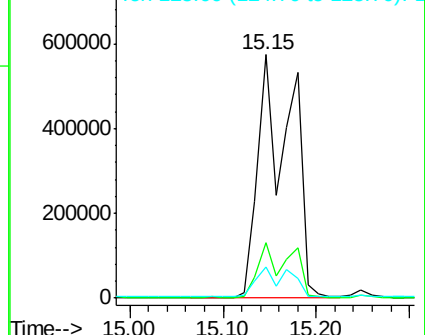
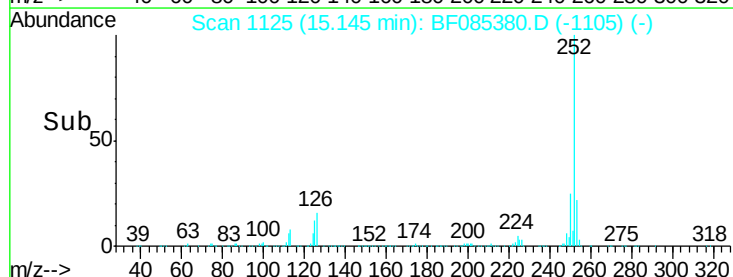
252 100

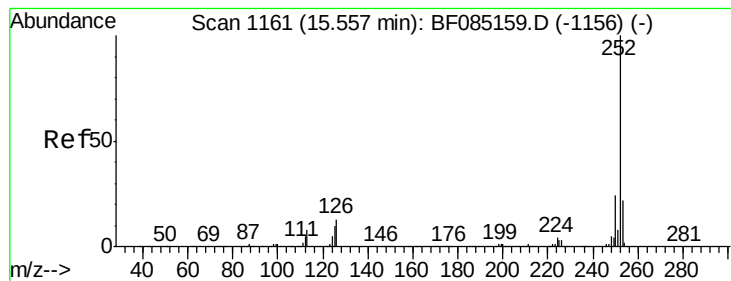
253 22.6 17.8 26.6

125 12.7 10.4 15.6



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: 48.50 ng

RT: 15.51 min Scan# 1157

Delta R.T. -0.05 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

Instrument :

BNA_F

ClientSampleId :

TEC-COMP2MSD

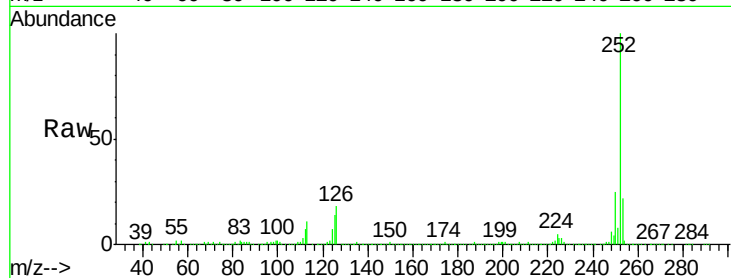
Tgt Ion: 252 Resp: 703628

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

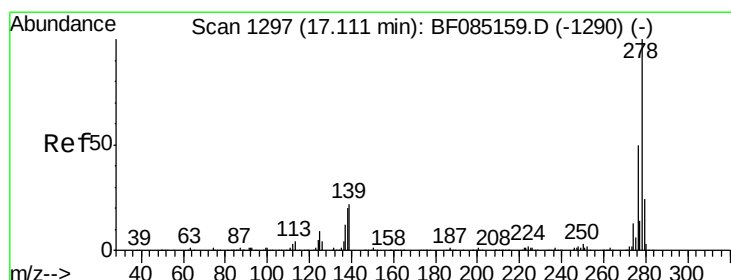
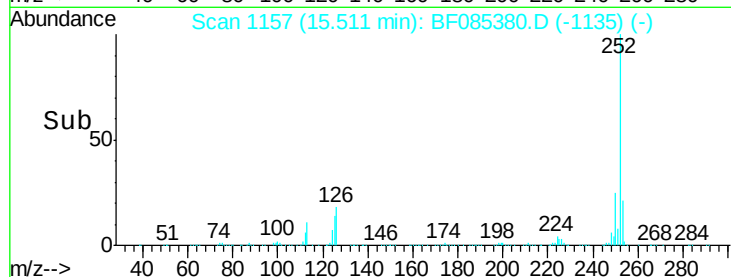
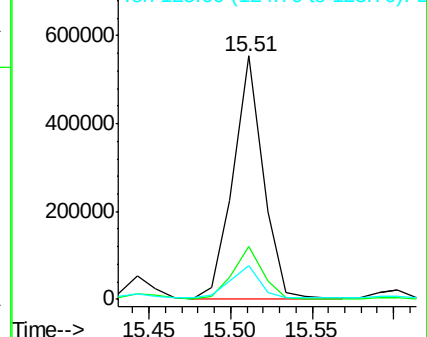
125 14.0 8.2 12.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 51.73 ng

RT: 17.05 min Scan# 1292

Delta R.T. -0.06 min

Lab File: BF085380.D

Acq: 11 Mar 2016 19:03

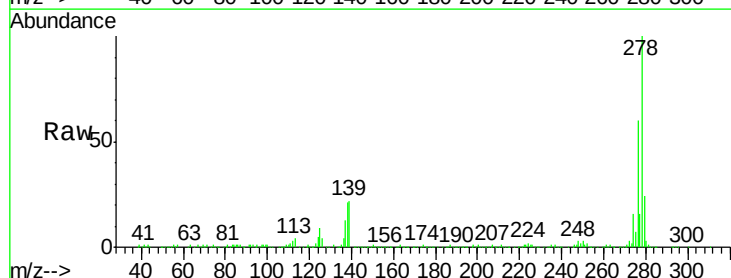
Tgt Ion: 278 Resp: 640631

Ion Ratio Lower Upper

278 100

139 21.5 17.3 25.9

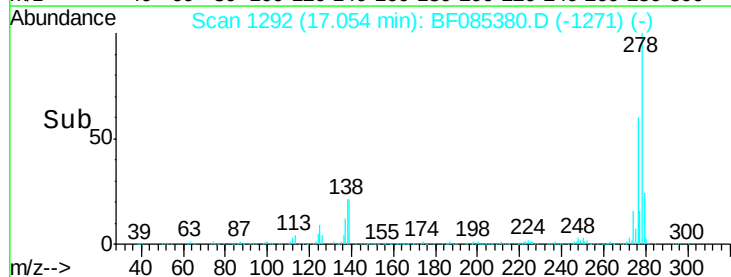
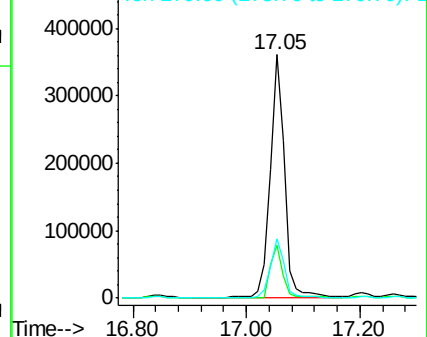
279 24.2 19.2 28.8

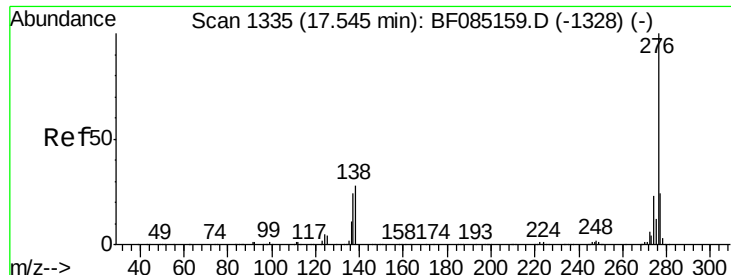


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 54.77 ng
 RT: 17.49 min Scan# 1330
 Delta R.T. -0.06 min
 Lab File: BF085380.D
 Acq: 11 Mar 2016 19:03

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP2MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	24.1	22.5	33.7

