

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
 Data File : BF089415.D
 Acq On : 29 Jul 2016 18:02
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 29 23:30:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	49005	20.00	ng	-0.03
21) Naphthalene-d8	7.80	136	204869	20.00	ng	-0.02
38) Acenaphthene-d10	9.54	164	92093	20.00	ng	-0.03
63) Phenanthrene-d10	11.02	188	179443	20.00	ng	-0.03
75) Chrysene-d12	13.63	240	118138	20.00	ng	-0.03
86) Perylene-d12	14.97	264	88970	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	241513	78.69	ng	-0.02
7) Phenol-d6	6.18	99	311313	76.75	ng	-0.02
23) Nitrobenzene-d5	7.10	82	297315	85.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.33	330	62323	81.71	ng	-0.03
44) 2-Fluorobiphenyl	8.88	172	528880	84.28	ng	-0.03
78) Terphenyl-d14	12.61	244	459368	91.01	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.92	88	54713	39.28	ng	98
3) Pyridine	2.51	79	139792	46.55	ng	98
4) n-Nitrosodimethylamine	2.49	42	47540	39.99	ng	97
6) Aniline	6.18	93	204447	46.68	ng	95
8) 2-Chlorophenol	6.30	128	138555	39.91	ng	84
9) Benzaldehyde	6.06	77	65355	33.00	ng	94
10) Phenol	6.19	94	188907	42.21	ng	91
11) bis(2-Chloroethyl)ether	6.26	93	139742	36.75	ng	91
12) 1,3-Dichlorobenzene	6.54	146	146594	40.37	ng	93
13) 1,4-Dichlorobenzene	6.54	146	157542	39.31	ng	95
14) 1,2-Dichlorobenzene	6.68	146	152728	40.68	ng	94
15) Benzyl Alcohol	6.67	79	108426	43.08	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.81	45	156476	37.72	ng	94
17) 2-Methylphenol	6.80	107	97443	36.32	ng	98
18) Hexachloroethane	7.03	117	62816	40.88	ng	# 87
19) n-Nitroso-di-n-propylamine	6.95	70	98199	40.15	ng	# 87
20) 3+4-Methylphenols	6.96	107	136750	39.69	ng	91
22) Acetophenone	6.95	105	208632	42.78	ng	# 96
24) Nitrobenzene	7.12	77	140836	35.65	ng	95
25) Isophorone	7.36	82	268374	38.38	ng	98
26) 2-Nitrophenol	7.43	139	72615	41.12	ng	# 87
27) 2,4-Dimethylphenol	7.48	122	118799	42.22	ng	99
28) bis(2-Chloroethoxy)methane	7.58	93	177866	45.96	ng	98
29) 2,4-Dichlorophenol	7.68	162	111598	43.53	ng	97
30) 1,2,4-Trichlorobenzene	7.75	180	121108	41.40	ng	# 95
31) Naphthalene	7.83	128	425100	41.90	ng	100
32) Benzoic acid	7.64	122	85620	43.67	ng	90
33) 4-Chloroaniline	7.90	127	170970	44.27	ng	98
34) Hexachlorobutadiene	7.95	225	68180	40.70	ng	97
35) Caprolactam	8.27	113	32868	42.48	ng	96
36) 4-Chloro-3-methylphenol	8.39	107	136281	44.73	ng	99
37) 2-Methylnaphthalene	8.51	142	248116	40.59	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	142530	44.23	ng	99
40) Hexachlorocyclopentadiene	8.67	237	34857	42.63	ng	98

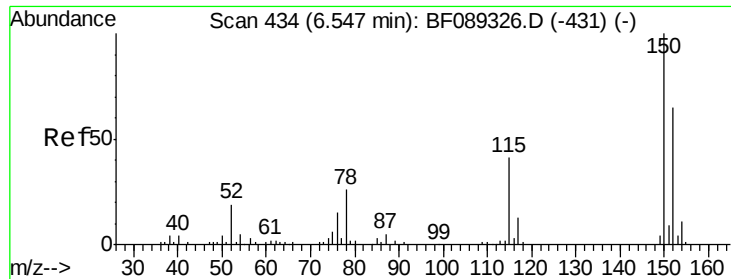
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	71317	46.54	ng	99
43) 2,4,5-Trichlorophenol	8.84	196	79156	40.78	ng #	88
45) 1,1'-Biphenyl	8.98	154	345147	44.02	ng	97
46) 2-Chloronaphthalene	9.00	162	264043	44.84	ng	94
47) 2-Nitroaniline	9.11	65	82576	47.35	ng #	78
48) Acenaphthylene	9.40	152	381417	41.12	ng	99
49) Dimethylphthalate	9.29	163	266830	38.07	ng	98
50) 2,6-Dinitrotoluene	9.36	165	59030	40.99	ng #	80
51) Acenaphthene	9.58	154	219945	40.61	ng	100
52) 3-Nitroaniline	9.52	138	74203	48.83	ng #	75
53) 2,4-Dinitrophenol	9.64	184	20110	41.64	ng	91
54) Dibenzofuran	9.75	168	308447	41.79	ng	95
55) 4-Nitrophenol	9.75	139	168187	215.85	ng #	10
56) 2,4-Dinitrotoluene	9.76	165	82227	43.37	ng #	75
57) Fluorene	10.09	166	259211	40.23	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.88	232	52068	40.18	ng #	89
59) Diethylphthalate	9.99	149	303086	42.65	ng	97
60) 4-Chlorophenyl-phenylether	10.09	204	123328	41.73	ng #	84
61) 4-Nitroaniline	10.14	138	70774	45.18	ng	93
62) Azobenzene	10.25	77	312514	42.71	ng	91
64) 4,6-Dinitro-2-methylphenol	10.17	198	39724	37.70	ng	85
65) n-Nitrosodiphenylamine	10.22	169	252916	45.17	ng	98
66) 4-Bromophenyl-phenylether	10.57	248	70092	40.91	ng #	73
67) Hexachlorobenzene	10.64	284	77543	44.17	ng #	77
68) Atrazine	10.74	200	65987	38.36	ng	95
69) Pentachlorophenol	10.83	266	33234	42.17	ng	99
70) Phenanthrene	11.04	178	359398	38.83	ng	100
71) Anthracene	11.10	178	418961	40.72	ng	99
72) Carbazole	11.26	167	363456	41.96	ng	98
73) Di-n-butylphthalate	11.60	149	473316	40.73	ng	99
74) Fluoranthene	12.22	202	374774	38.50	ng	95
76) Benzidine	12.35	184	151043	34.60	ng	96
77) Pyrene	12.45	202	414032	46.24	ng	100
79) Butylbenzylphthalate	13.07	149	167278	41.09	ng	85
80) Benzo(a)anthracene	13.62	228	266483	39.97	ng	99
81) 3,3'-Dichlorobenzidine	13.60	252	98509	41.06	ng #	98
82) Chrysene	13.67	228	283509	39.95	ng	99
83) Bis(2-ethylhexyl)phthalate	13.65	149	249386	42.38	ng #	96
84) Di-n-octyl phthalate	14.25	149	381009	41.49	ng	99
85) Indeno(1,2,3-cd)pyrene	16.15	276	192806	38.21	ng	99
87) Benzo(b)fluoranthene	14.65	252	442134	80.02	ng #	96
88) Benzo(k)fluoranthene	14.65	252	442134	87.04	ng #	94
89) Benzo(a)pyrene	14.91	252	194629	39.27	ng	98
90) Dibenzo(a,h)anthracene	16.16	278	167524	42.91	ng	97
91) Benzo(g,h,i)perylene	16.50	276	168026	43.78	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.03 min

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BNA_F

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SSTDCCC040

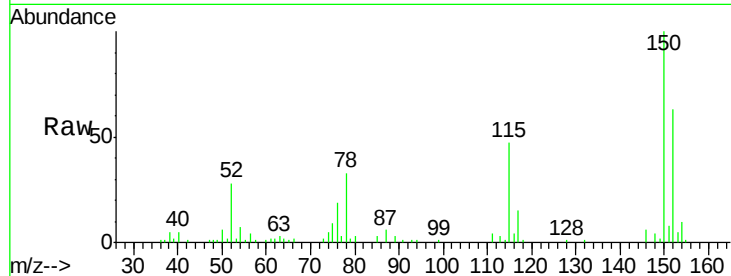
Tgt Ion:152 Resp: 49005

Ion Ratio Lower Upper

152 100

150 159.4 129.5 194.3

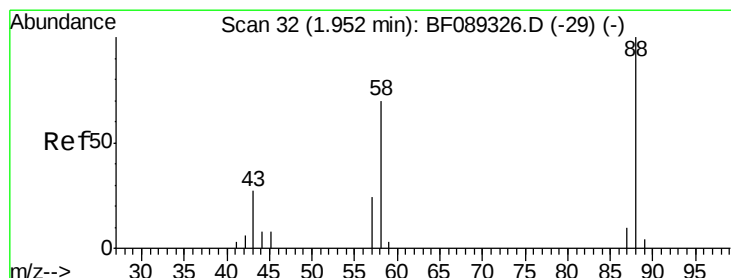
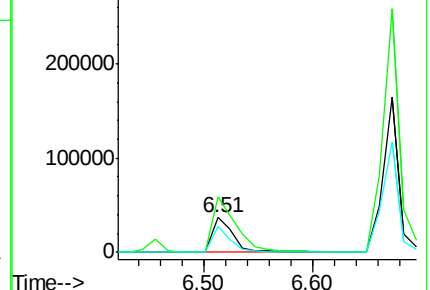
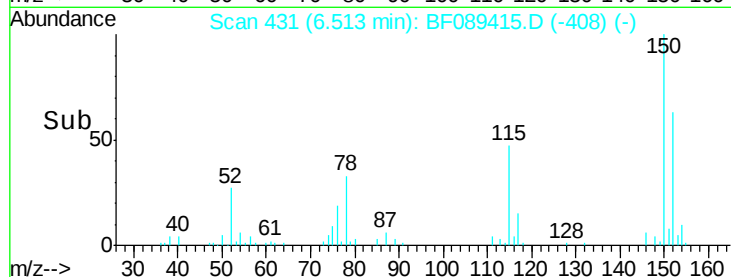
115 74.5 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.28 ng

RT: 1.92 min Scan# 29

Delta R.T. -0.03 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

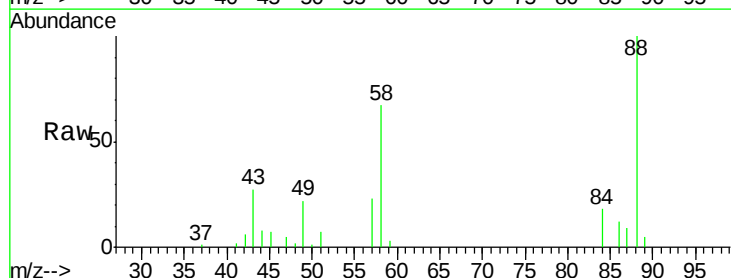
Tgt Ion: 88 Resp: 54713

Ion Ratio Lower Upper

88 100

58 64.0 53.2 79.8

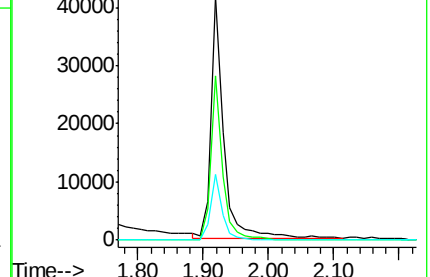
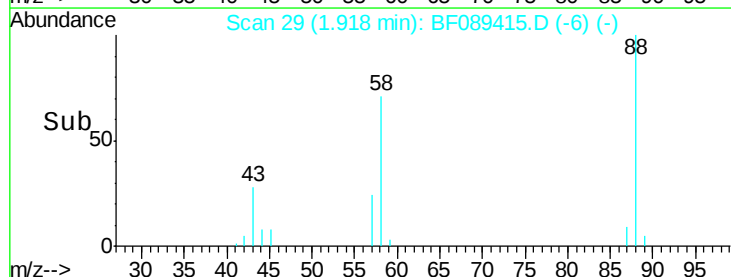
43 26.0 20.6 31.0

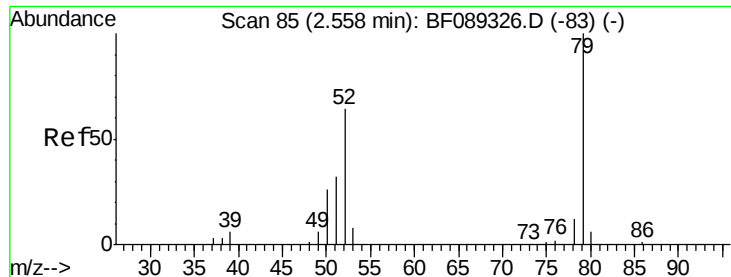


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 46.55 ng

RT: 2.51 min Scan# 81

Delta R.T. -0.06 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

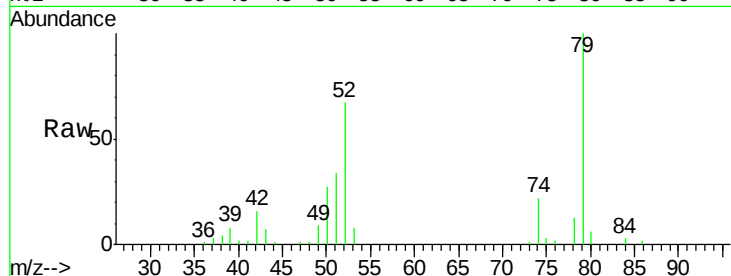
Tgt Ion: 79 Resp: 139792

Ion Ratio Lower Upper

79 100

52 66.5 51.9 77.9

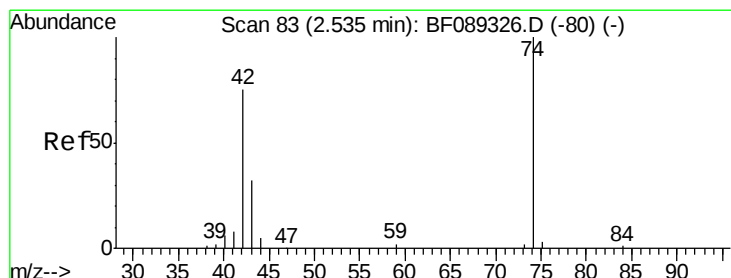
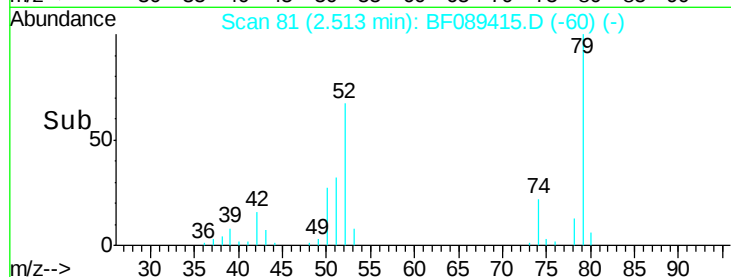
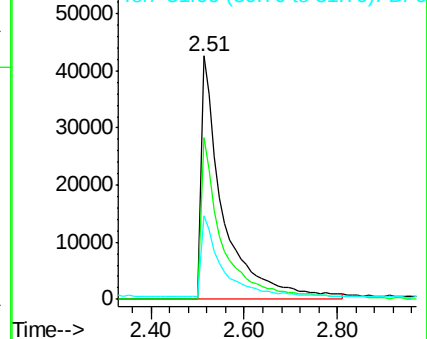
51 34.2 28.2 42.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.99 ng

RT: 2.49 min Scan# 79

Delta R.T. -0.05 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

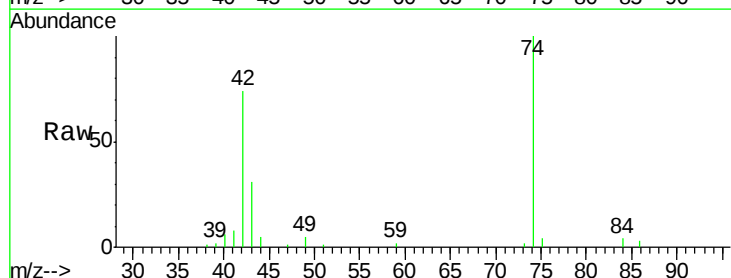
Tgt Ion: 42 Resp: 47540

Ion Ratio Lower Upper

42 100

74 135.3 110.8 166.2

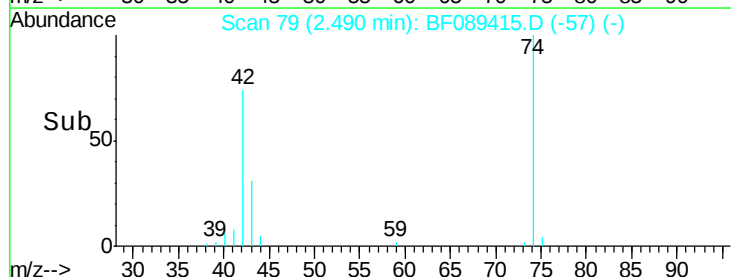
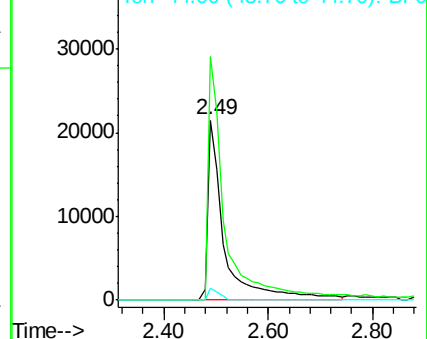
44 6.6 5.2 7.8

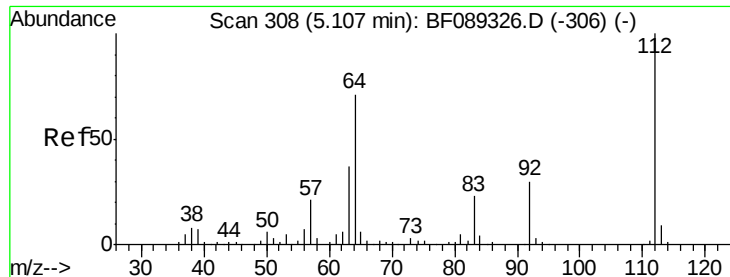


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 78.69 ng

RT: 5.08 min Scan# 306

Delta R.T. -0.02 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

Instrument :

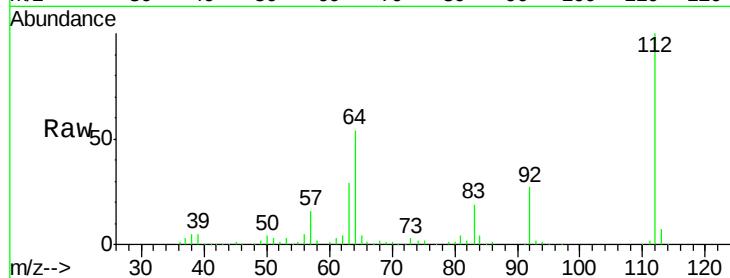
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 112 Resp: 241513

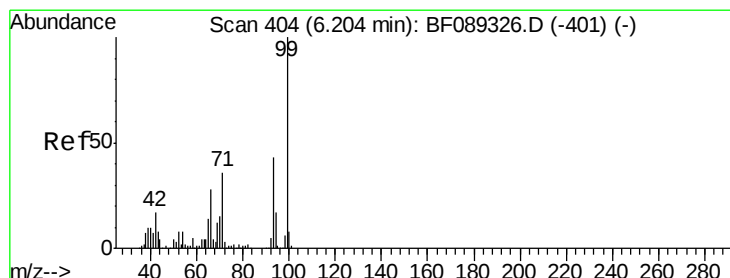
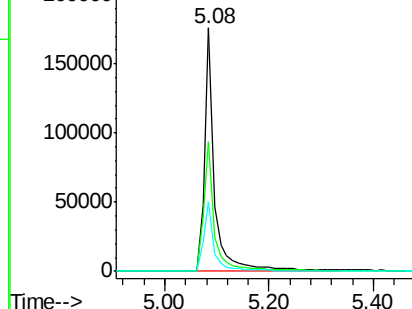
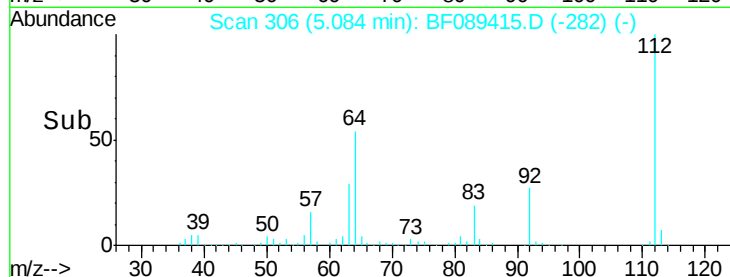
Ion	Ratio	Lower	Upper
112	100		
64	53.5	55.0	82.6#
63	28.5	29.4	44.2#



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: 46.68 ng

RT: 6.18 min Scan# 402

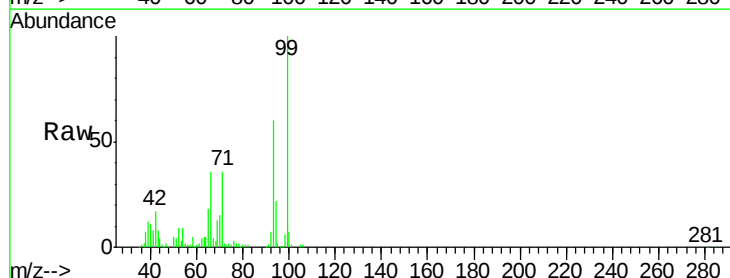
Delta R.T. -0.02 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

Tgt Ion: 93 Resp: 204447

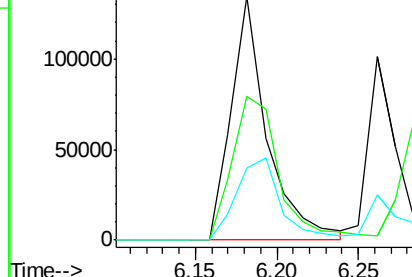
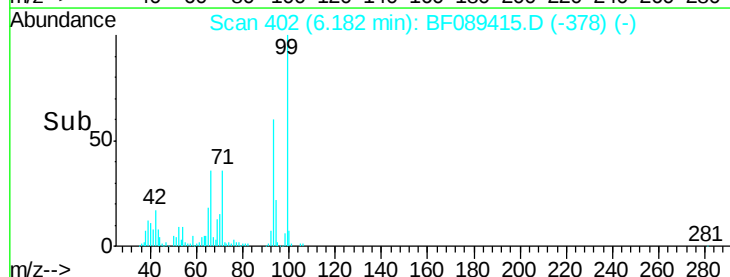
Ion	Ratio	Lower	Upper
93	100		
66	59.3	51.6	77.4
65	29.4	24.7	37.1

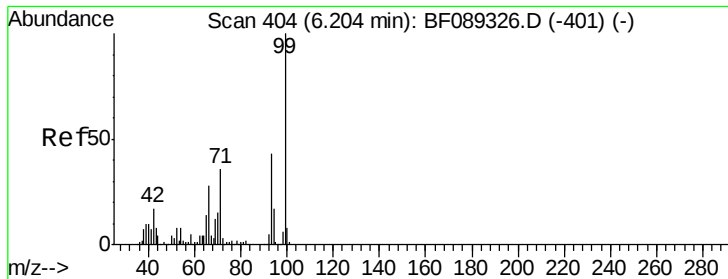


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.75 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

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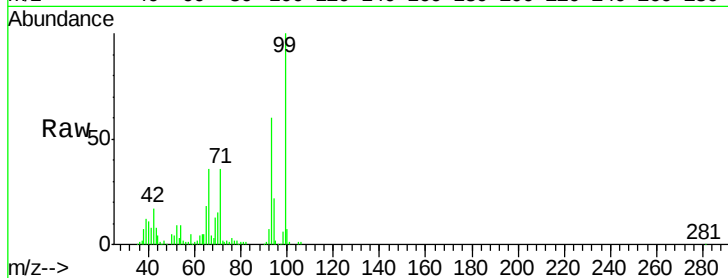
Tgt Ion: 99 Resp: 311313

Ion Ratio Lower Upper

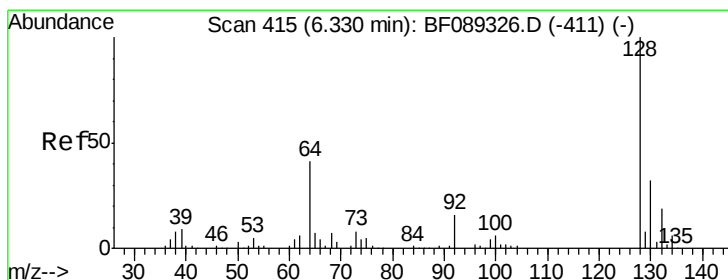
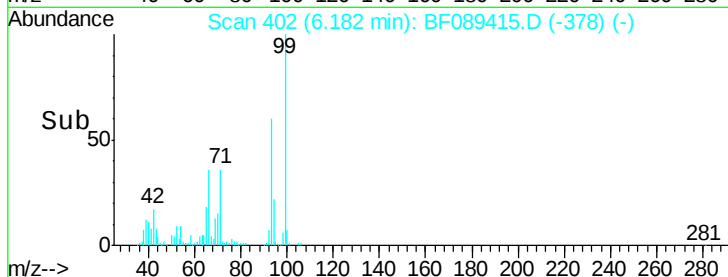
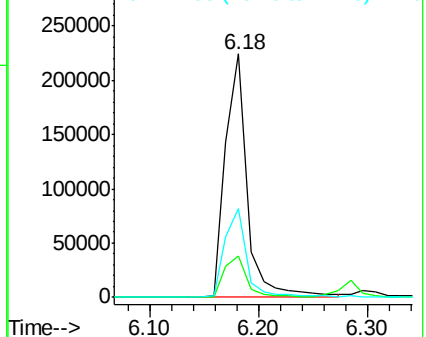
99 100

42 17.0 13.6 20.4

71 36.5 29.4 44.2



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: 39.91 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.03 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

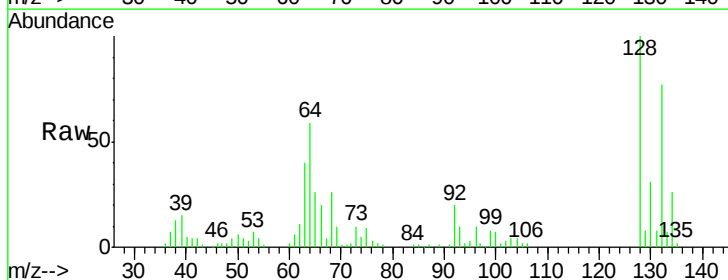
Tgt Ion: 128 Resp: 138555

Ion Ratio Lower Upper

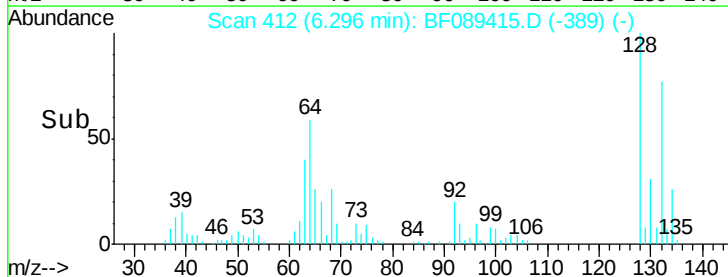
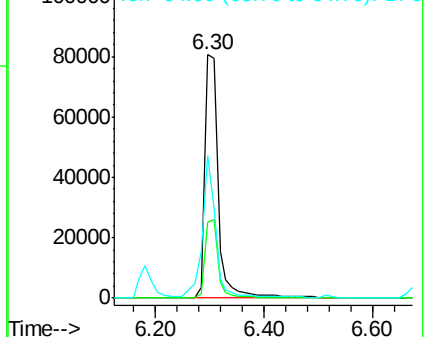
128 100

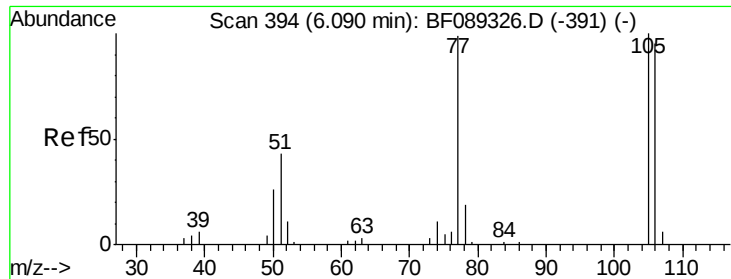
130 31.4 12.6 52.6

64 58.5 22.1 62.1



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





#9

Benzaldehyde

Concen: 33.00 ng

RT: 6.06 min Scan# 391

Delta R.T. -0.03 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

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SSTDCCC040

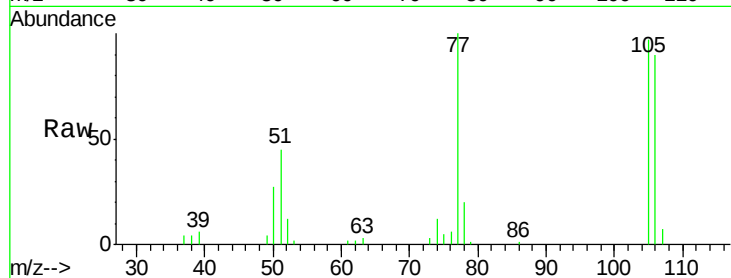
Tgt Ion: 77 Resp: 65355

Ion Ratio Lower Upper

77 100

105 96.9 82.9 122.9

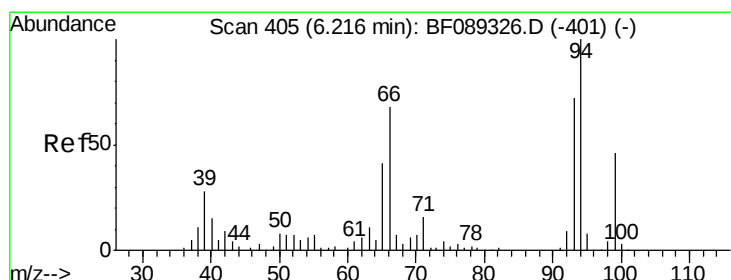
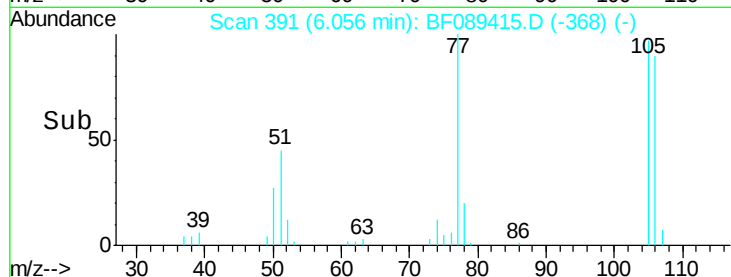
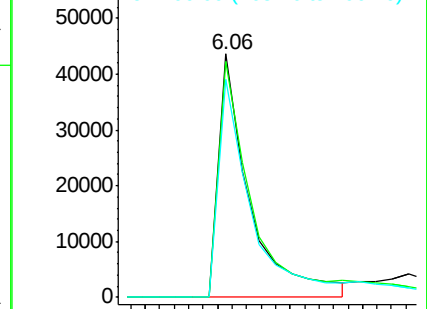
106 89.7 75.9 115.9



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: 42.21 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.02 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

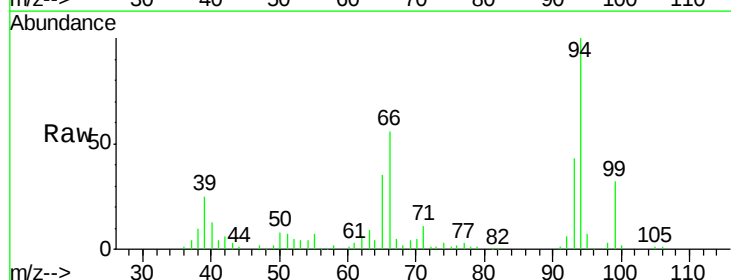
Tgt Ion: 94 Resp: 188907

Ion Ratio Lower Upper

94 100

65 35.1 19.1 59.1

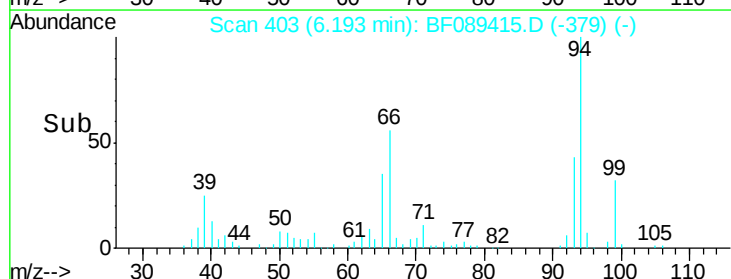
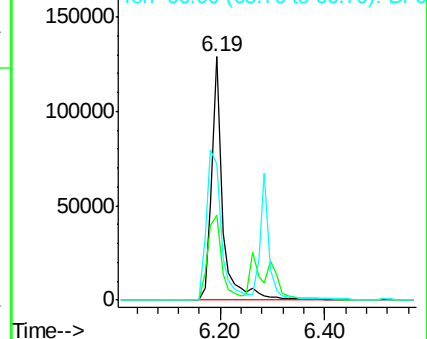
66 56.0 44.4 84.4

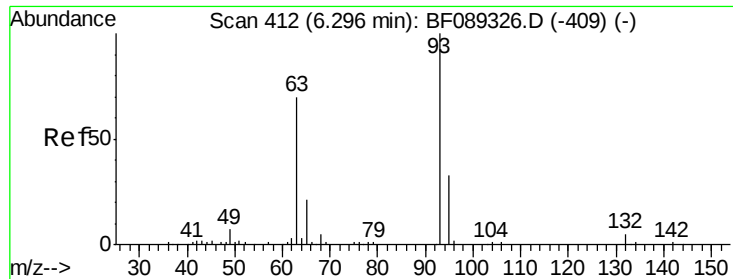


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

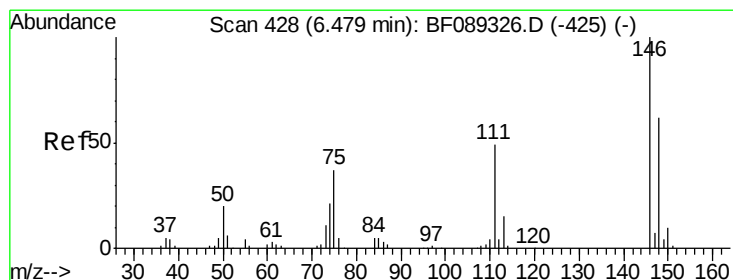
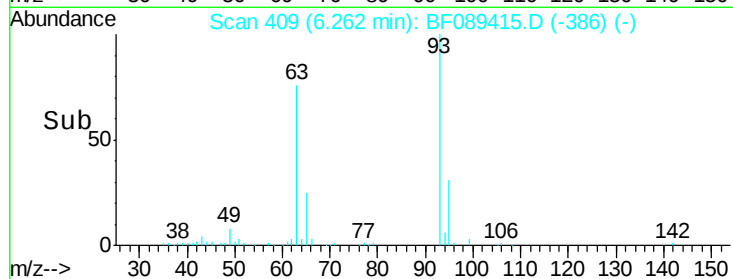
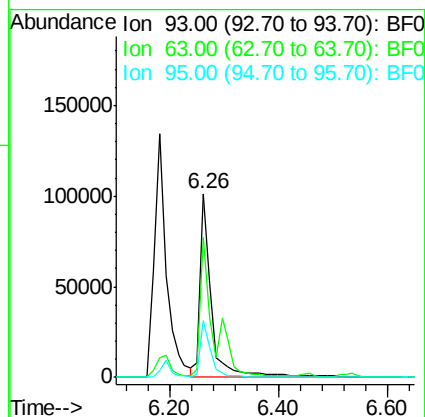
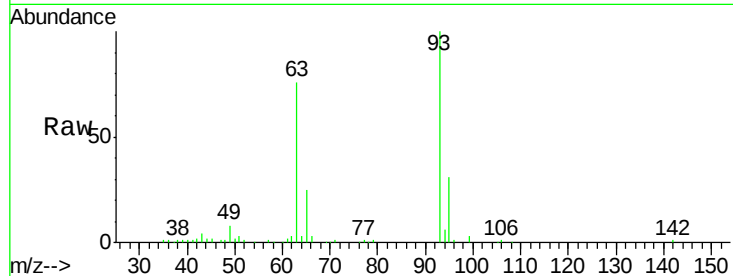




#11
bis(2-Chloroethyl)ether
Concen: 36.75 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.03 min
Lab File: BF089415.D
Acq: 29 Jul 2016 18:02

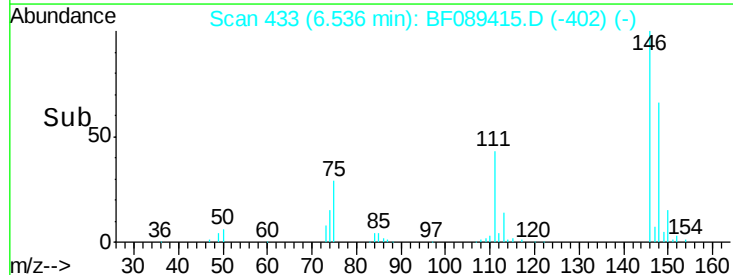
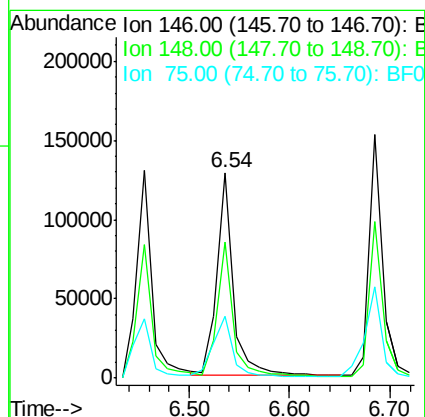
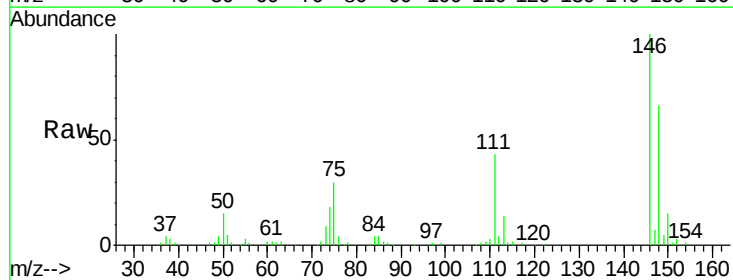
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

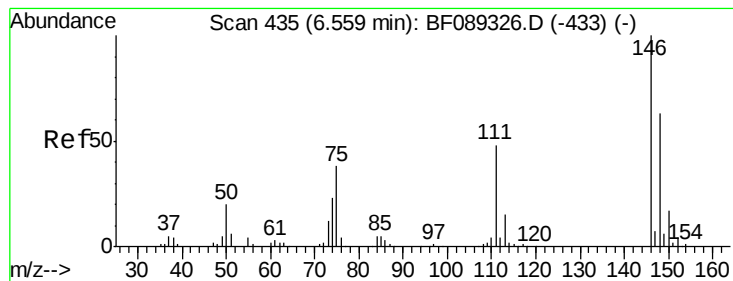
Tgt Ion: 93 Resp: 139742
Ion Ratio Lower Upper
93 100
63 76.0 45.6 85.6
95 31.1 11.1 51.1



#12
1,3-Dichlorobenzene
Concen: 40.37 ng
RT: 6.54 min Scan# 433
Delta R.T. 0.06 min
Lab File: BF089415.D
Acq: 29 Jul 2016 18:02

Tgt Ion: 146 Resp: 146594
Ion Ratio Lower Upper
146 100
148 66.3 50.5 75.7
75 30.2 30.0 45.0





#13

1,4-Dichlorobenzene

Concen: 39.31 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

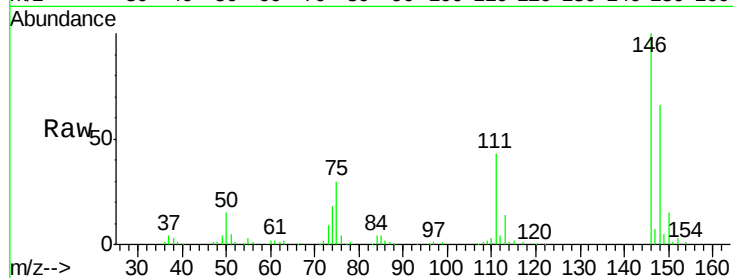
Tgt Ion:146 Resp: 157542

Ion Ratio Lower Upper

146 100

148 66.3 50.8 76.2

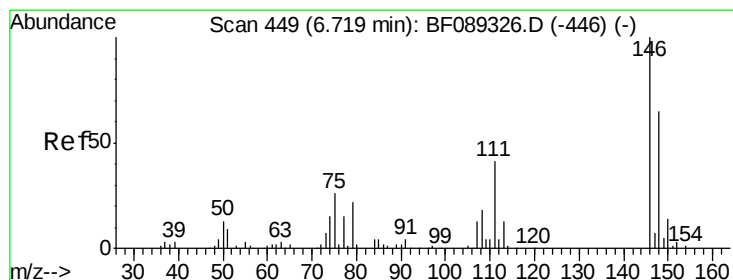
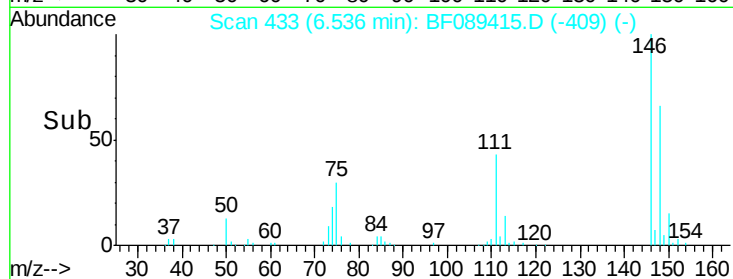
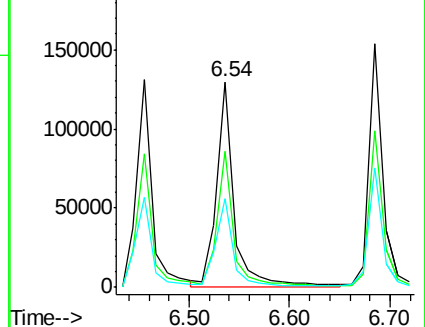
111 42.9 38.6 57.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.68 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

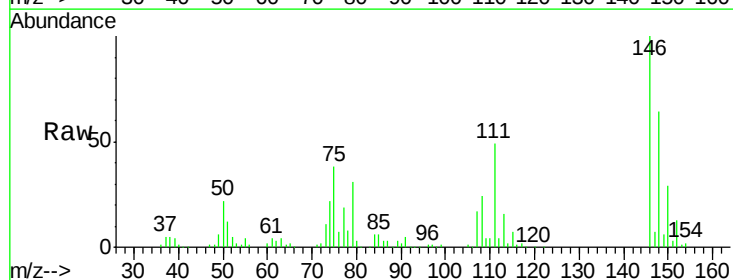
Tgt Ion:146 Resp: 152728

Ion Ratio Lower Upper

146 100

148 64.3 50.4 75.6

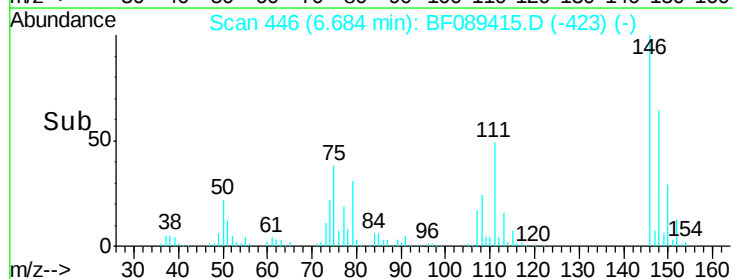
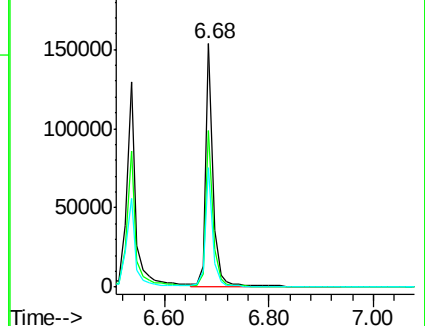
111 49.2 33.0 49.4

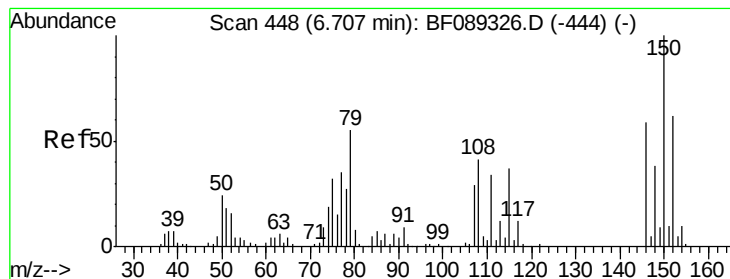


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.08 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.03 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

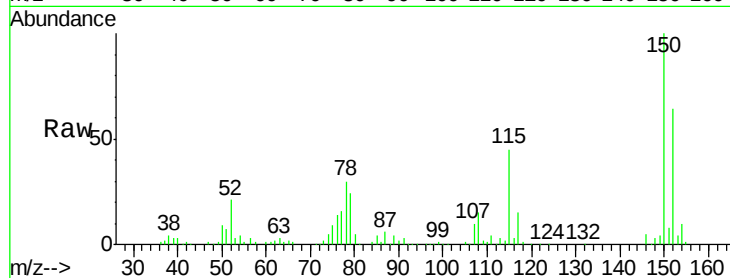
Tgt Ion: 79 Resp: 108426

Ion Ratio Lower Upper

79 100

108 62.8 59.8 89.6

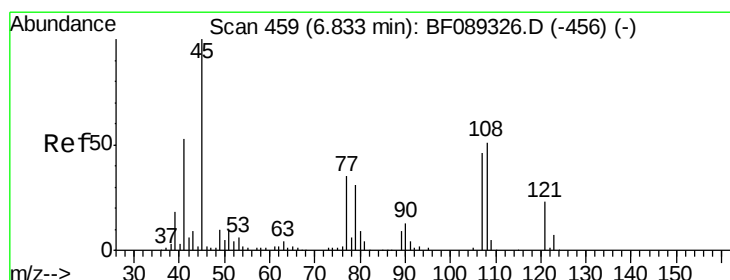
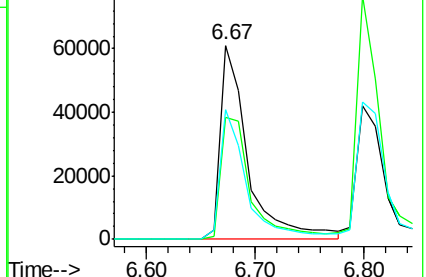
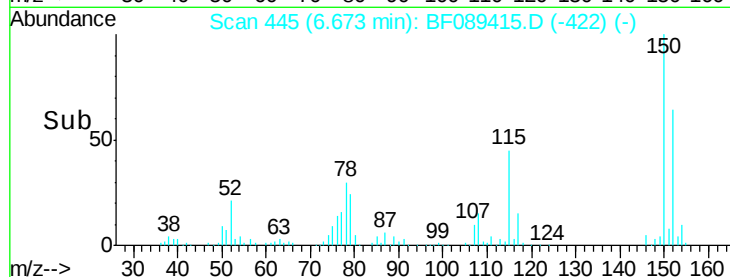
77 66.8 51.7 77.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.72 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.02 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

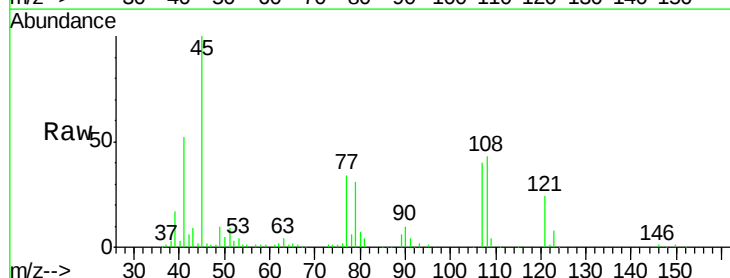
Tgt Ion: 45 Resp: 156476

Ion Ratio Lower Upper

45 100

77 34.0 17.3 57.3

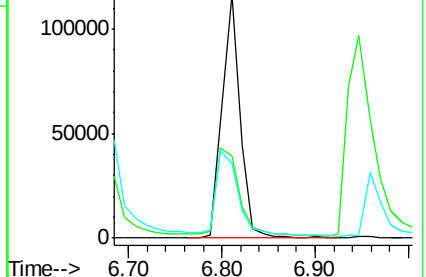
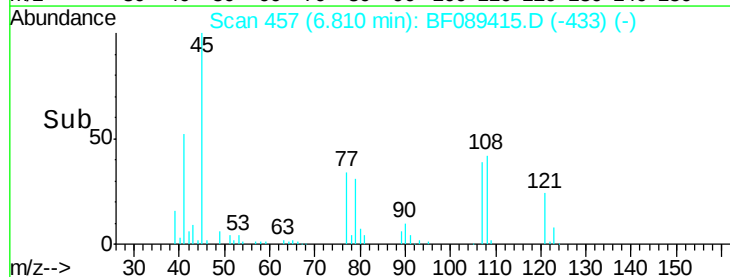
79 30.6 13.9 53.9

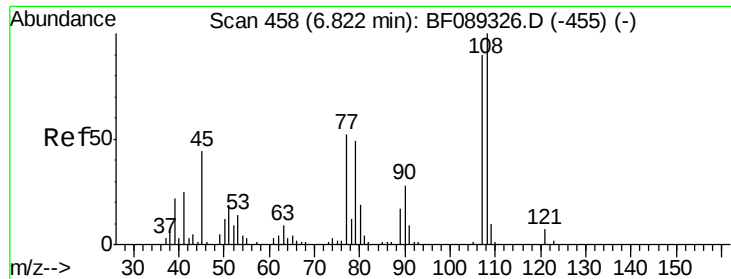


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

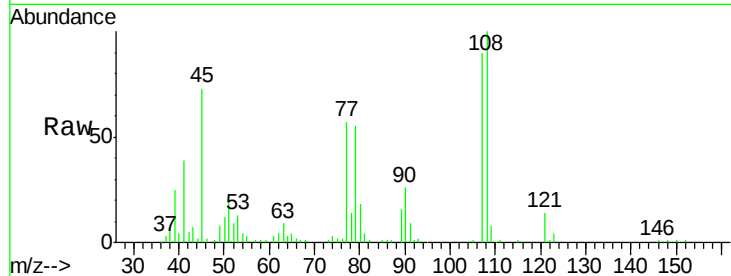




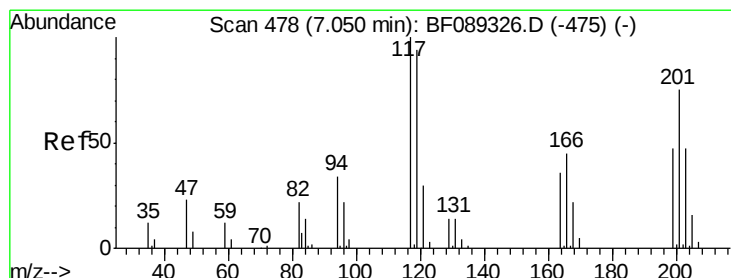
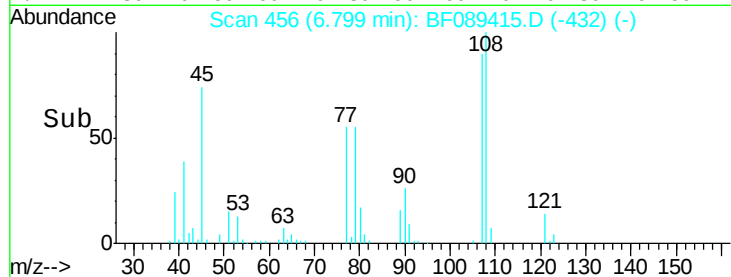
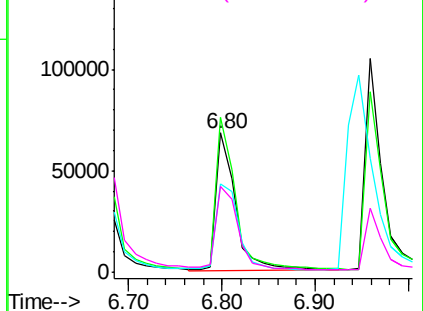
#17
2-Methylphenol
Concen: 36.32 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF089415.D
Acq: 29 Jul 2016 18:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 97443
Ion Ratio Lower Upper
107 100
108 111.6 91.4 137.0
77 63.1 48.6 73.0
79 61.3 48.2 72.4

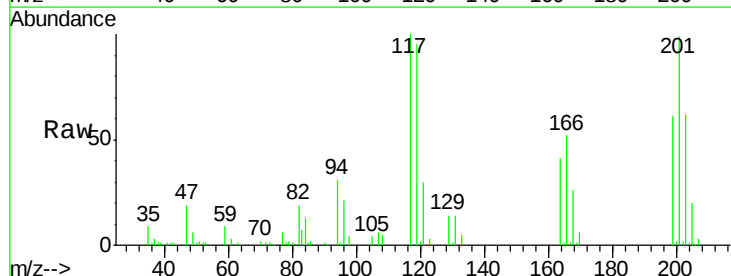


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

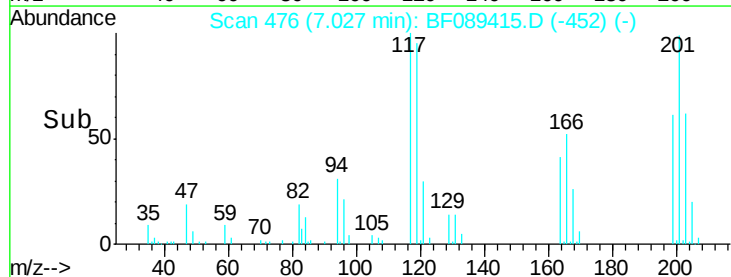
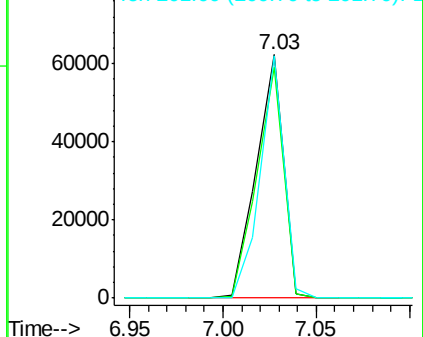


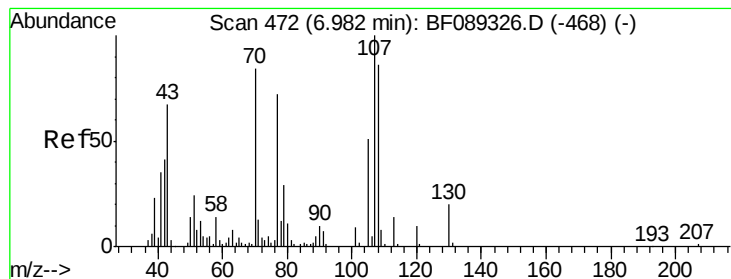
#18
Hexachloroethane
Concen: 40.88 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.02 min
Lab File: BF089415.D
Acq: 29 Jul 2016 18:02

Tgt Ion:117 Resp: 62816
Ion Ratio Lower Upper
117 100
119 94.7 76.0 114.0
201 99.4 60.0 90.0#



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: 40.15 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.03 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 98199

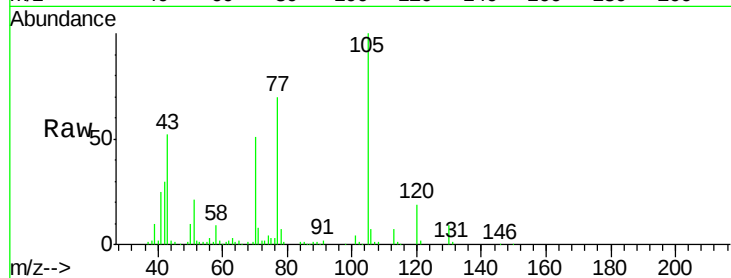
Ion Ratio Lower Upper

70 100

42 58.5 38.6 57.8#

101 8.9 8.3 12.5

130 17.4 19.0 28.4#

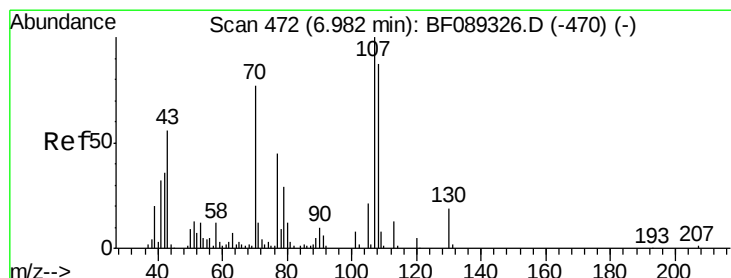
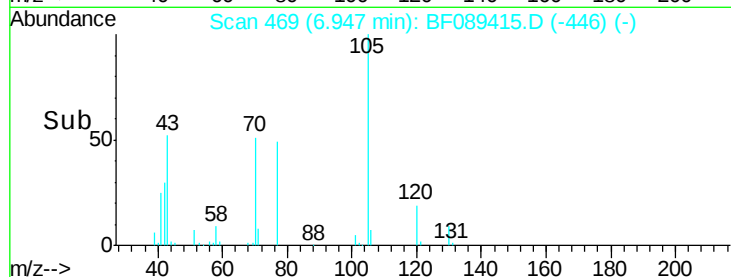
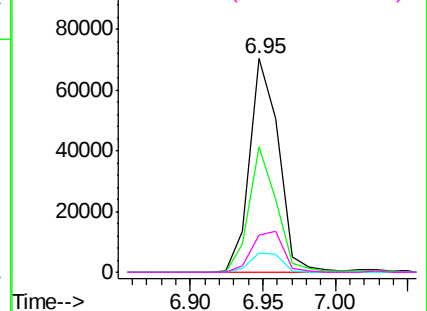


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 39.69 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

Tgt Ion: 107 Resp: 136750

Ion Ratio Lower Upper

107 100

108 84.3 63.3 103.3

77 53.5 51.1 91.1

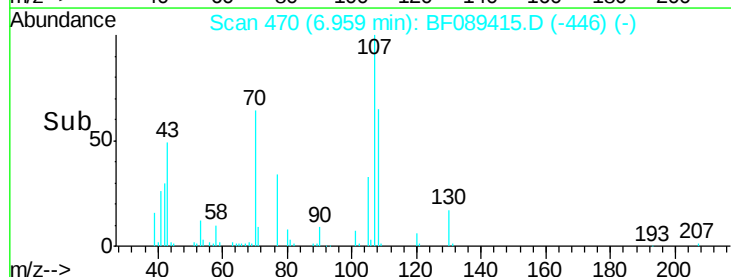
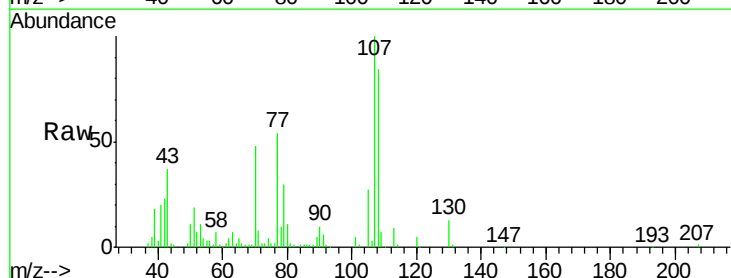
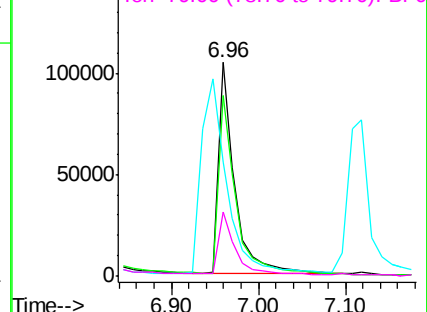
79 29.7 9.3 49.3

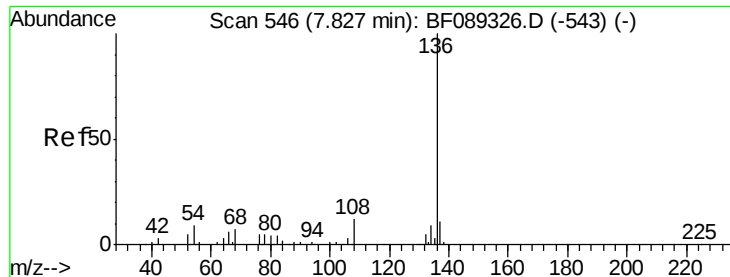
Abundance Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.80 min Scan# 544

Delta R.T. -0.02 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 204869

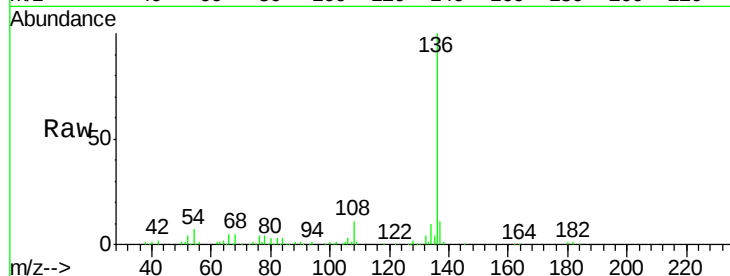
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 7.2 7.0 10.4

68 5.5 4.9 7.3

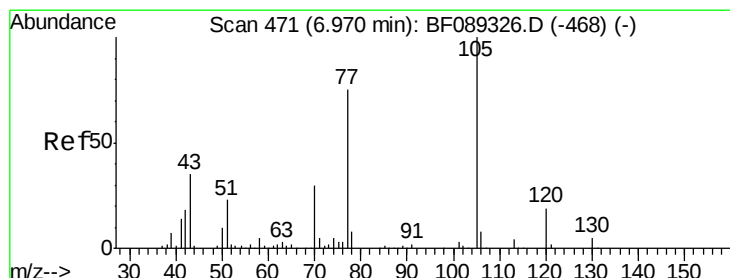
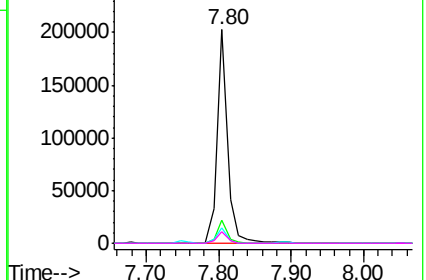
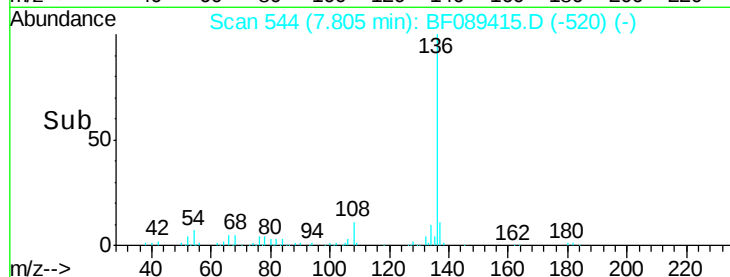


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.78 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.02 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

Tgt Ion:105 Resp: 208632

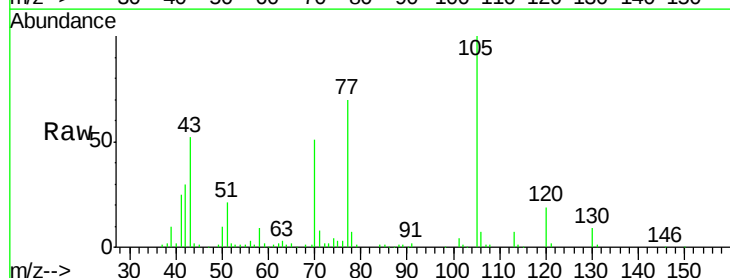
Ion Ratio Lower Upper

105 100

71 8.5 4.2 6.2#

51 20.6 18.7 28.1

120 19.2 15.8 23.6

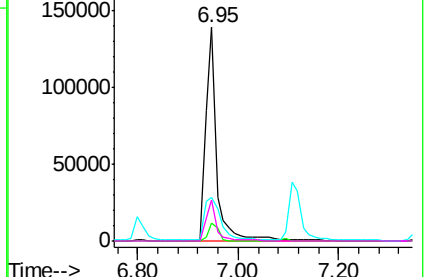
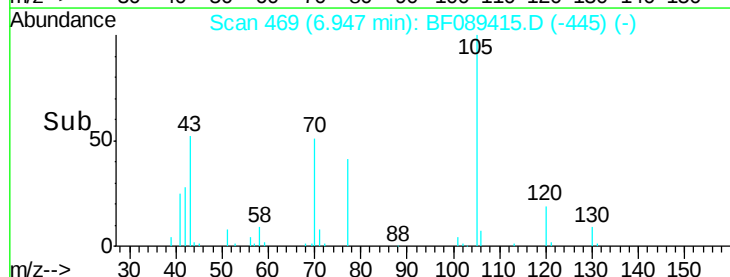


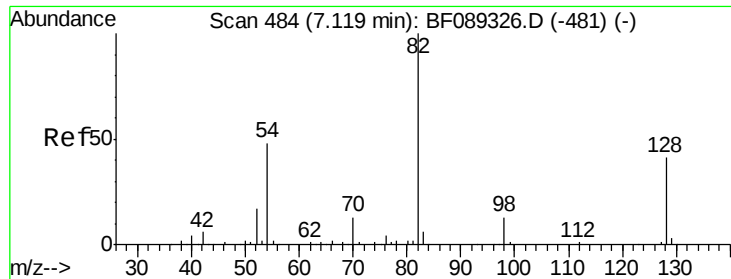
Abundance Ion 105.00 (104.70 to 105.70): E

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

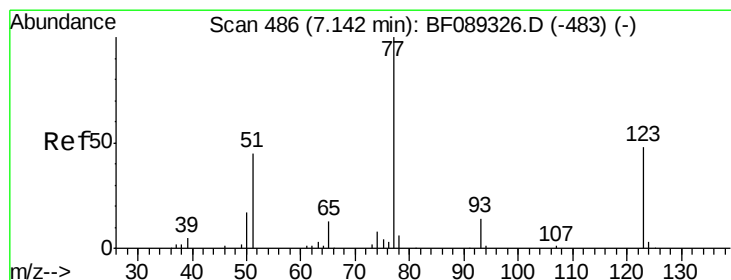
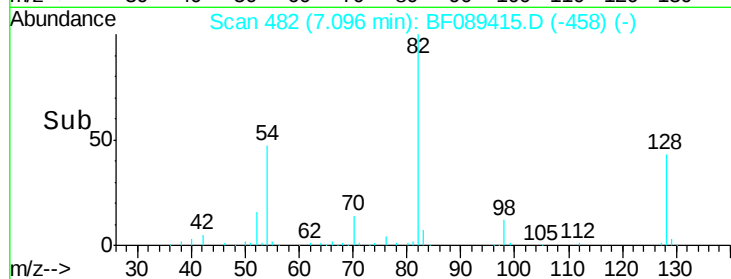
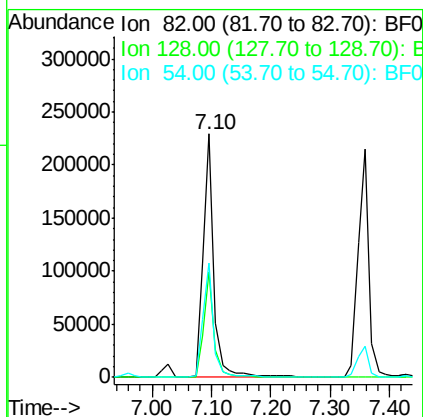
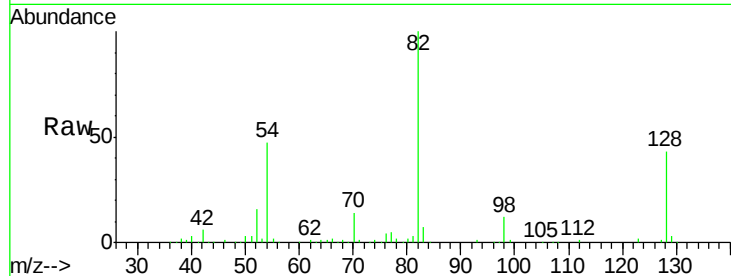




#23
 Nitrobenzene-d5
 Concen: 85.66 ng
 RT: 7.10 min Scan# 482
 Delta R.T. -0.02 min
 Lab File: BF089415.D
 Acq: 29 Jul 2016 18:02

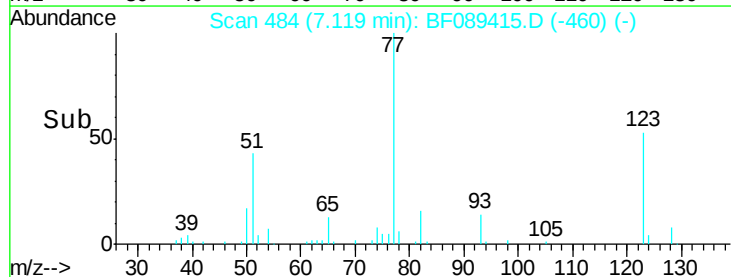
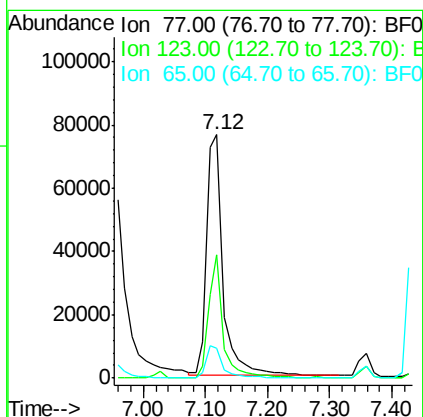
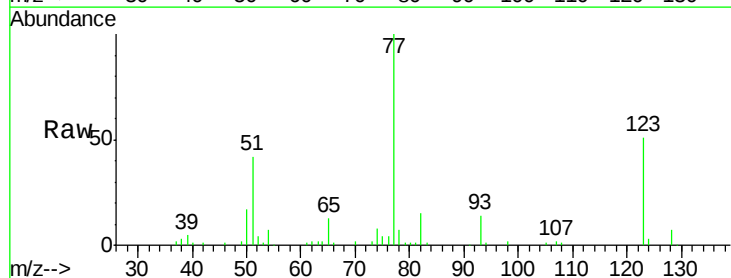
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

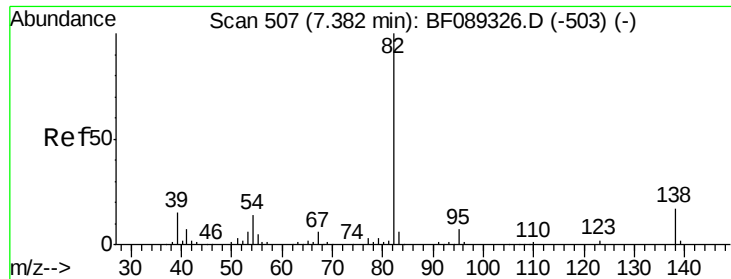
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.2	32.5	48.7
54	46.9	38.8	58.2



#24
 Nitrobenzene
 Concen: 35.65 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.02 min
 Lab File: BF089415.D
 Acq: 29 Jul 2016 18:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.7	37.2	55.8
65	12.5	10.2	15.4

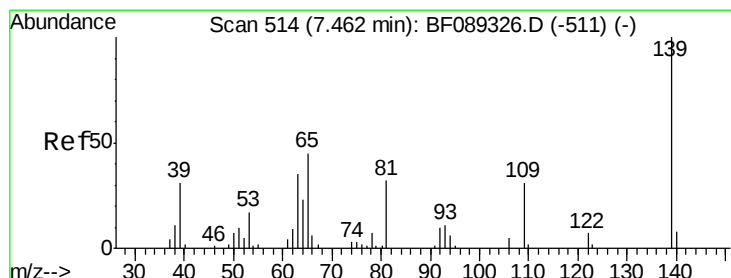
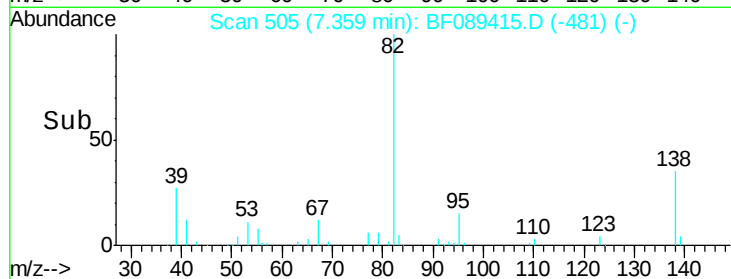
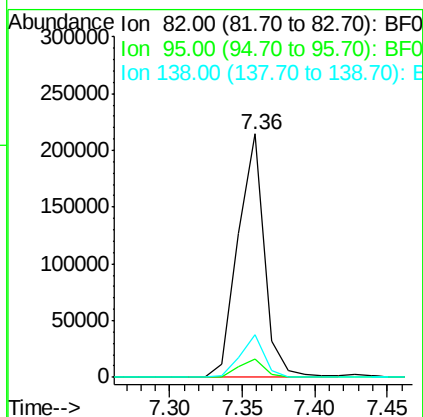
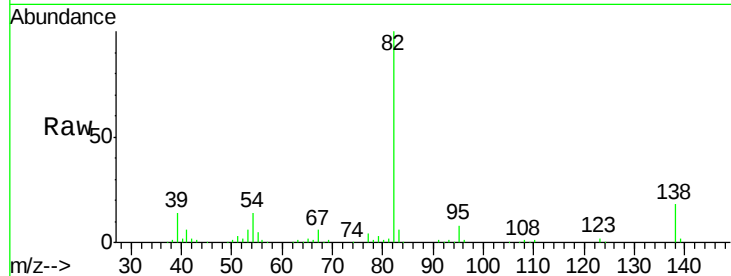




#25
Isophorone
Concen: 38.38 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.02 min
Lab File: BF089415.D
Acq: 29 Jul 2016 18:02

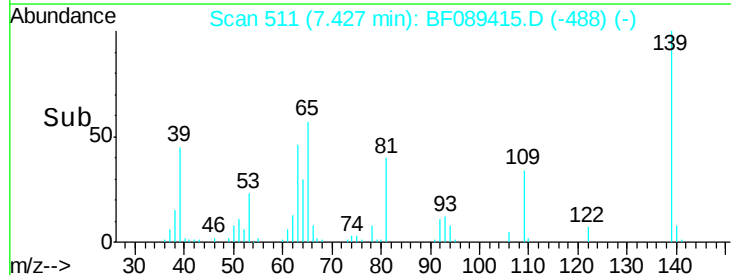
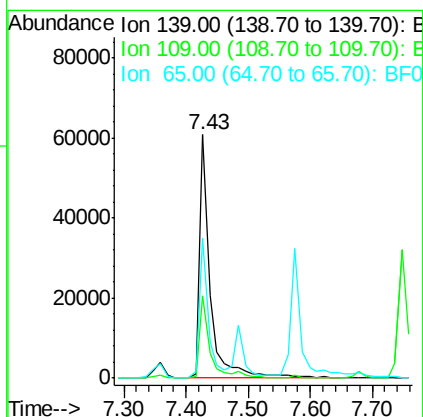
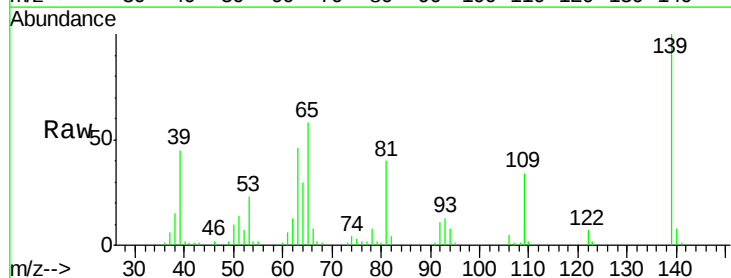
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

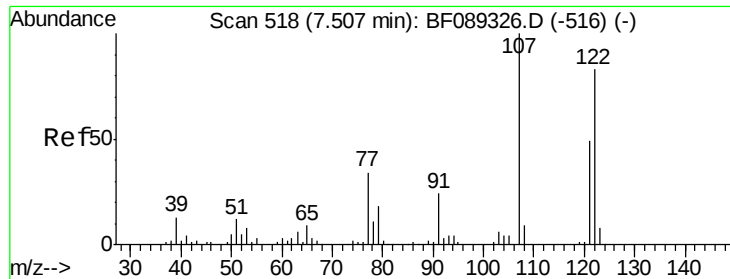
Tgt Ion: 82 Resp: 268374
Ion Ratio Lower Upper
82 100
95 7.7 6.0 9.0
138 17.6 13.3 19.9



#26
2-Nitrophenol
Concen: 41.12 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.03 min
Lab File: BF089415.D
Acq: 29 Jul 2016 18:02

Tgt Ion: 139 Resp: 72615
Ion Ratio Lower Upper
139 100
109 34.0 25.8 38.8
65 57.6 35.2 52.8#

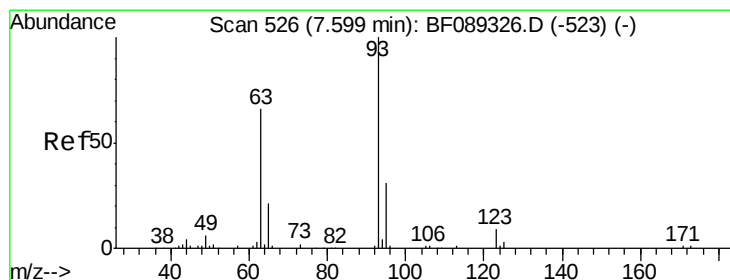
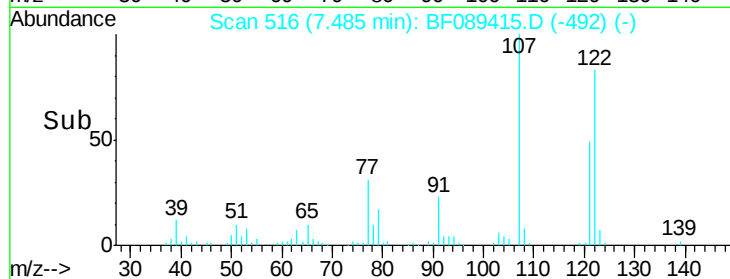
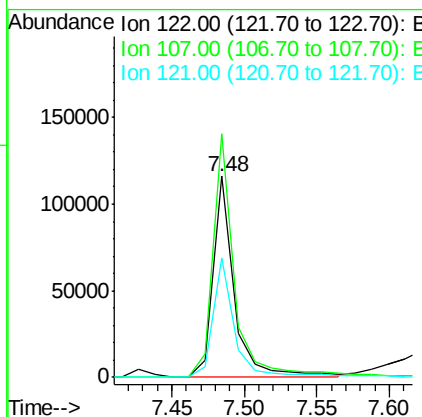
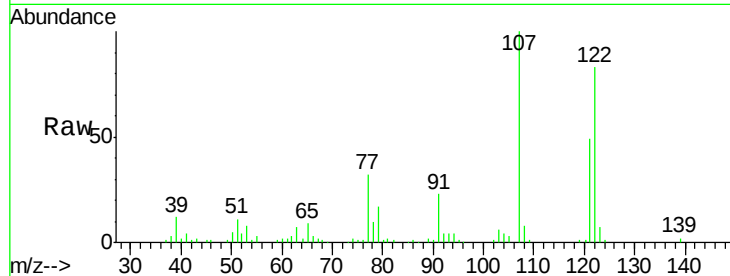




#27
 2,4-Dimethylphenol
 Concen: 42.22 ng
 RT: 7.48 min Scan# 516
 Delta R.T. -0.02 min
 Lab File: BF089415.D
 Acq: 29 Jul 2016 18:02

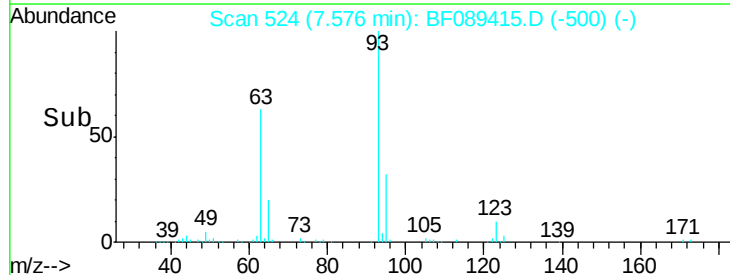
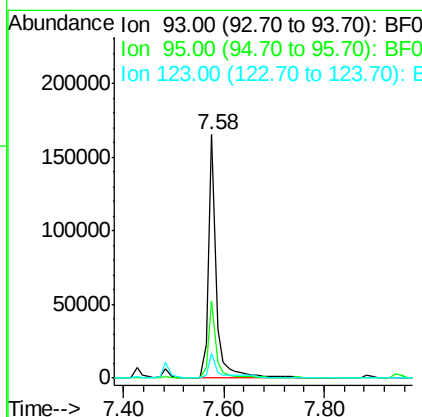
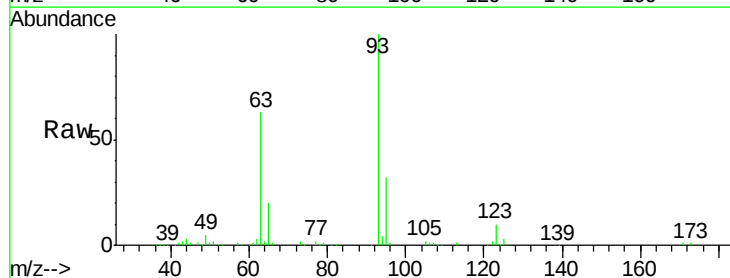
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

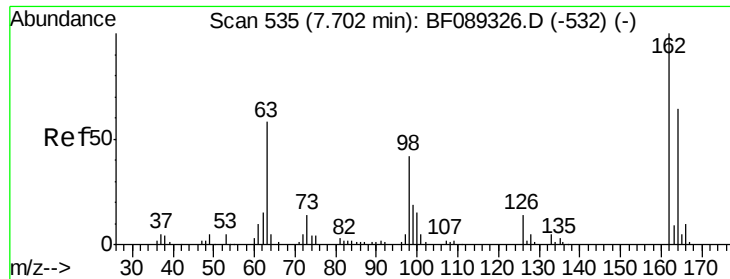
Tgt Ion:122 Resp: 118799
 Ion Ratio Lower Upper
 122 100
 107 121.2 97.2 145.8
 121 59.7 48.8 73.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.96 ng
 RT: 7.58 min Scan# 524
 Delta R.T. -0.02 min
 Lab File: BF089415.D
 Acq: 29 Jul 2016 18:02

Tgt Ion: 93 Resp: 177866
 Ion Ratio Lower Upper
 93 100
 95 31.9 24.7 37.1
 123 10.1 7.5 11.3

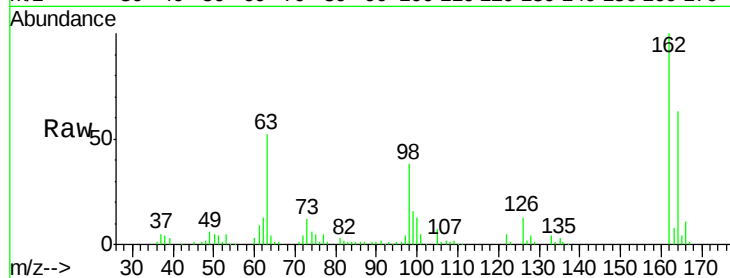




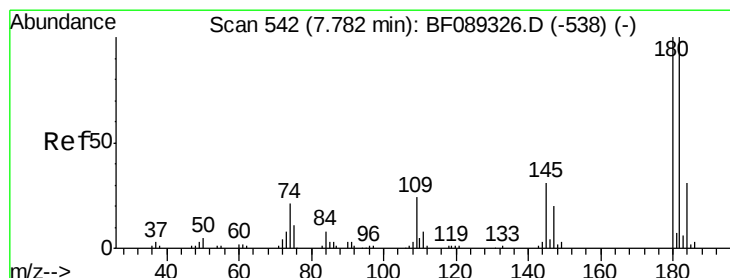
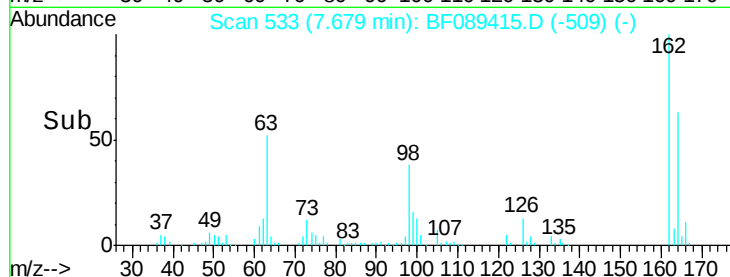
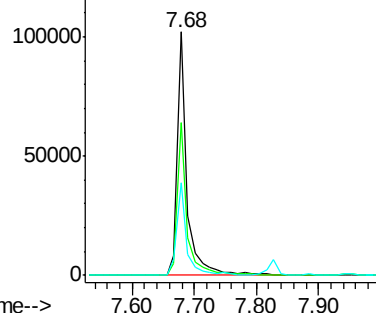
#29
 2,4-Dichlorophenol
 Concen: 43.53 ng
 RT: 7.68 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: BF089415.D
 Acq: 29 Jul 2016 18:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.7	44.0	84.0
98	37.9	21.8	61.8

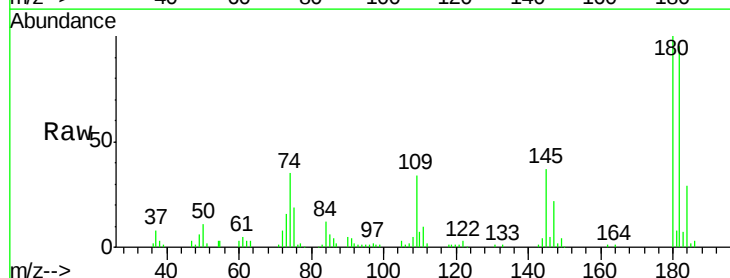


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

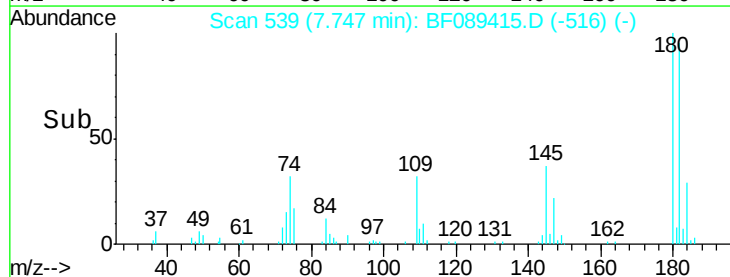
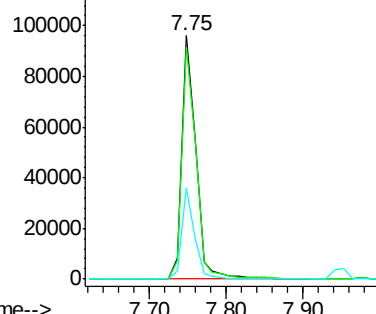


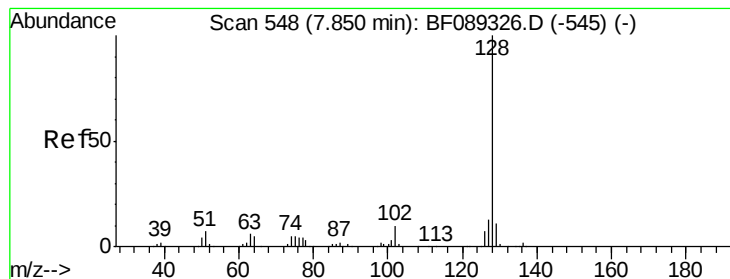
#30
 1,2,4-Trichlorobenzene
 Concen: 41.40 ng
 RT: 7.75 min Scan# 539
 Delta R.T. -0.03 min
 Lab File: BF089415.D
 Acq: 29 Jul 2016 18:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	78.2	117.2
145	37.4	24.6	36.8#



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





#31

Naphthalene

Concen: 41.90 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.02 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

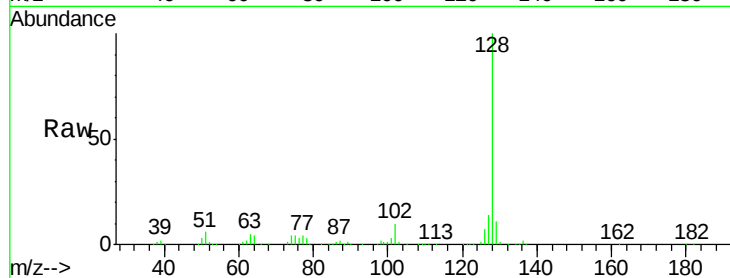
Tgt Ion:128 Resp: 425100

Ion Ratio Lower Upper

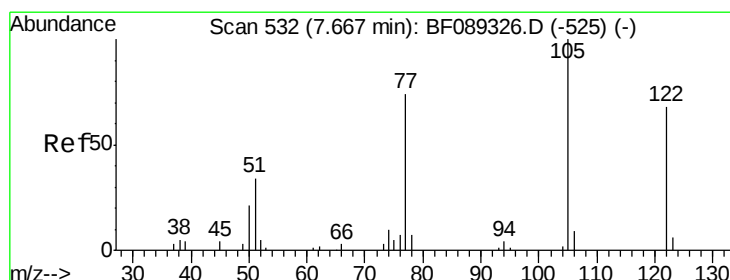
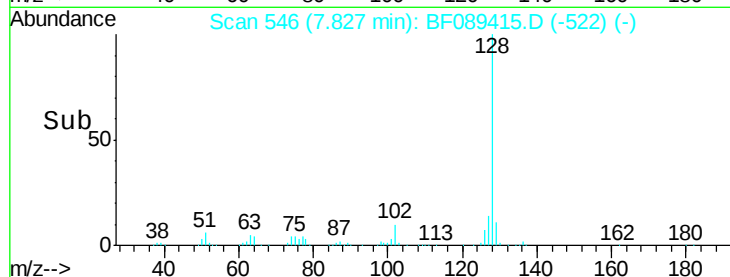
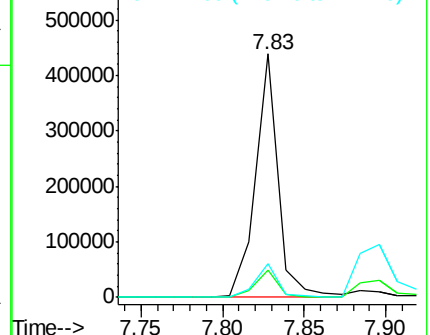
128 100

129 11.0 8.8 13.2

127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.67 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

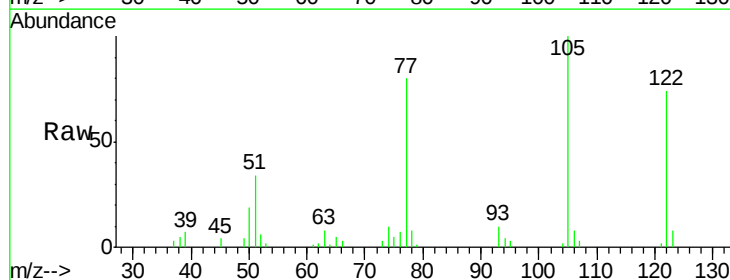
Tgt Ion:122 Resp: 85620

Ion Ratio Lower Upper

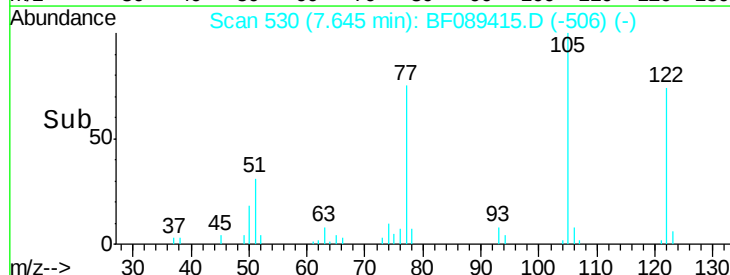
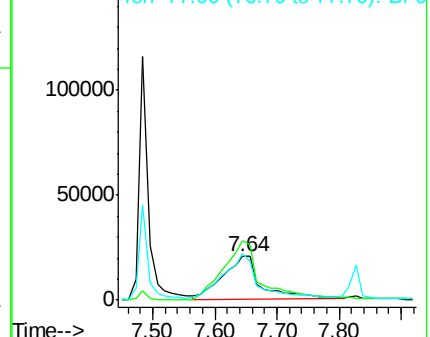
122 100

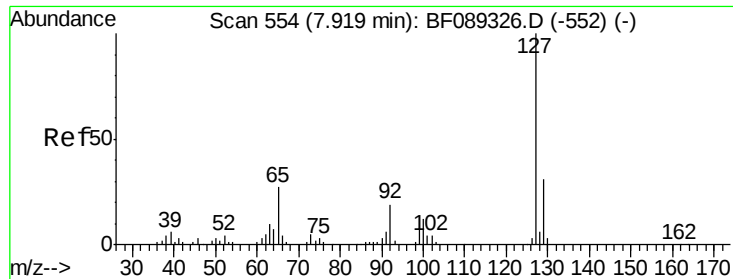
105 135.9 106.4 146.4

77 108.3 76.4 116.4



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

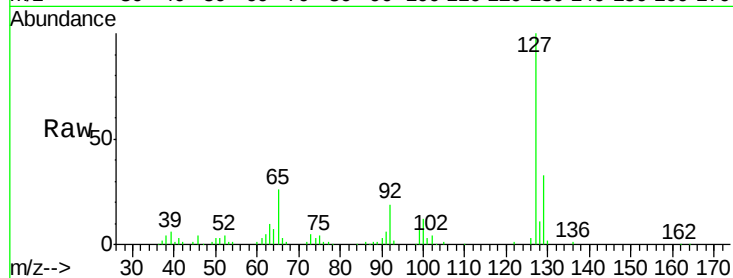




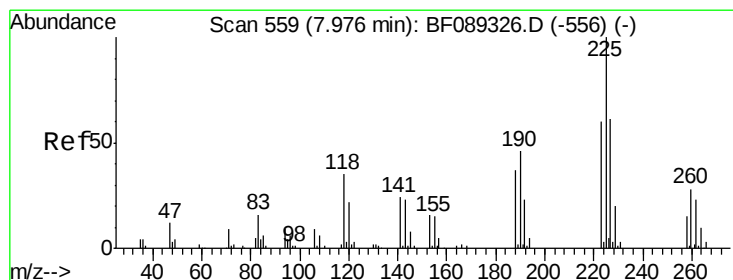
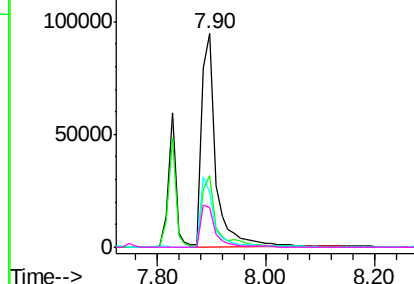
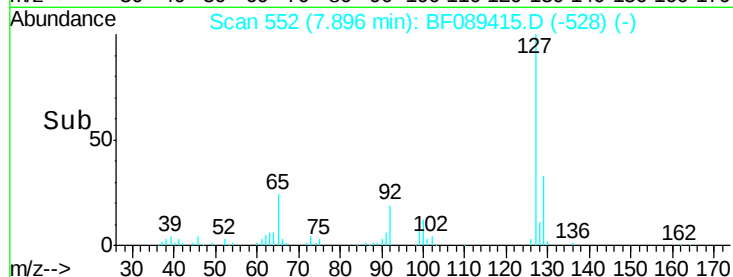
#33
 4-Chloroaniline
 Concen: 44.27 ng
 RT: 7.90 min Scan# 552
 Delta R.T. -0.02 min
 Lab File: BF089415.D
 Acq: 29 Jul 2016 18:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	127	Resp:	170970
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.1	39.1
65	25.6	22.0	33.0
92	18.9	15.2	22.8

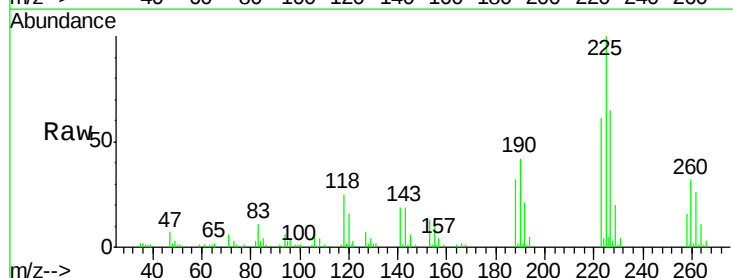


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

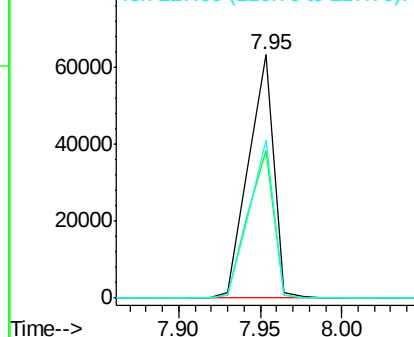
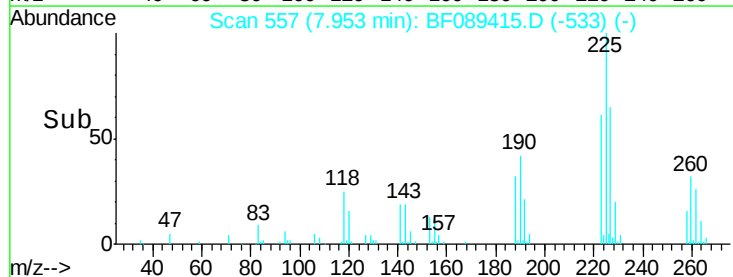


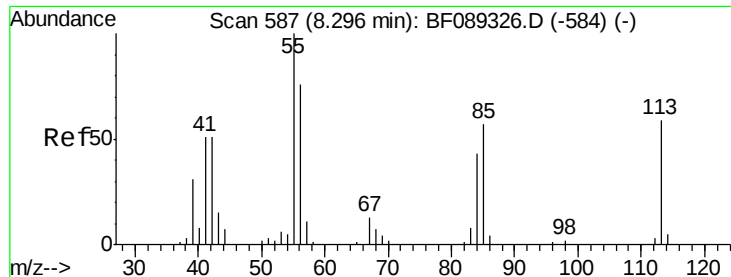
#34
 Hexachlorobutadiene
 Concen: 40.70 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.02 min
 Lab File: BF089415.D
 Acq: 29 Jul 2016 18:02

Tgt Ion:	225	Resp:	68180
Ion	Ratio	Lower	Upper
225	100		
223	60.9	49.8	74.8
227	64.6	49.4	74.2



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

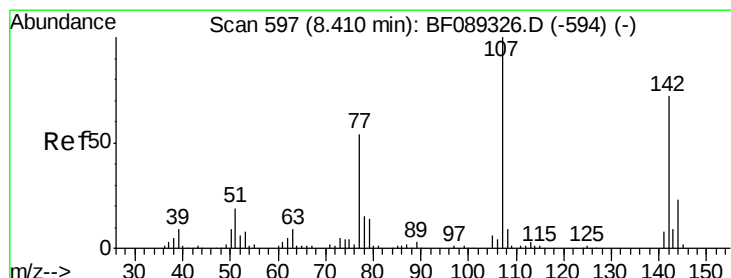
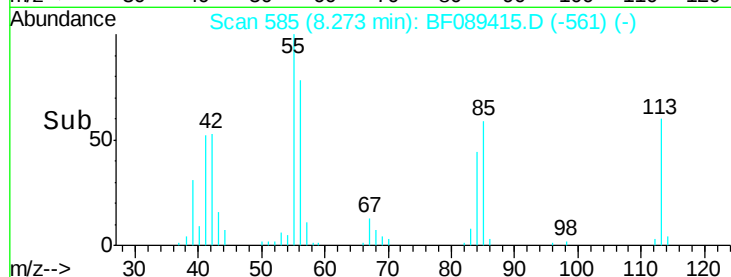
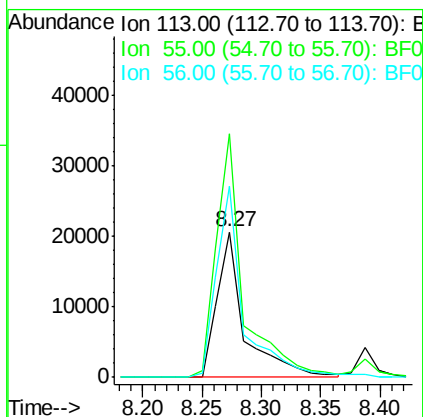
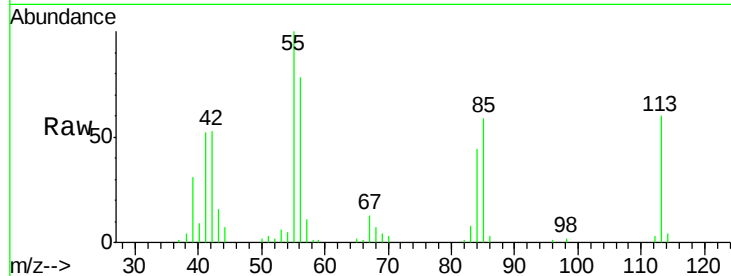




#35
 Caprolactam
 Concen: 42.48 ng
 RT: 8.27 min Scan# 585
 Delta R.T. -0.02 min
 Lab File: BF089415.D
 Acq: 29 Jul 2016 18:02

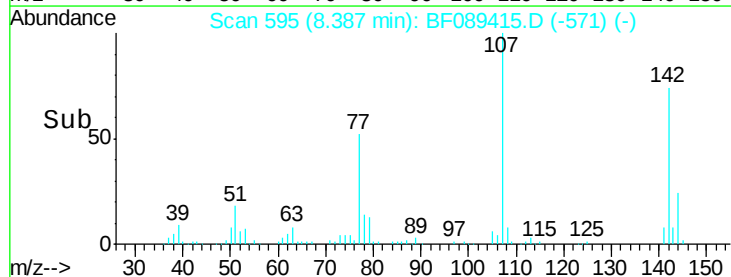
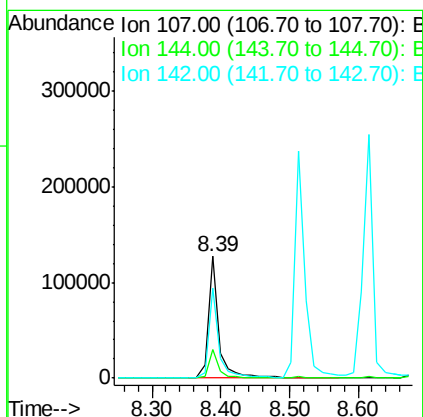
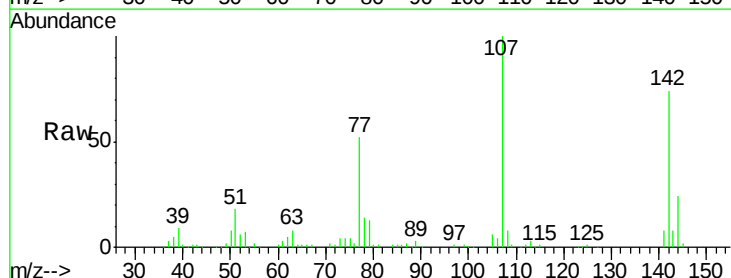
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

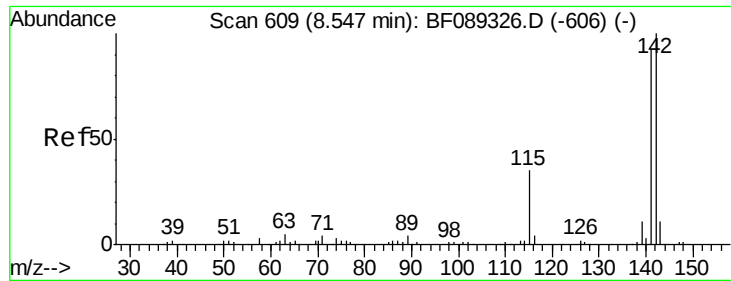
Tgt Ion:113 Resp: 32868
 Ion Ratio Lower Upper
 113 100
 55 167.5 142.3 182.3
 56 131.1 105.8 145.8



#36
 4-Chloro-3-methylphenol
 Concen: 44.73 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.02 min
 Lab File: BF089415.D
 Acq: 29 Jul 2016 18:02

Tgt Ion:107 Resp: 136281
 Ion Ratio Lower Upper
 107 100
 144 23.7 18.4 27.6
 142 73.7 58.6 87.8

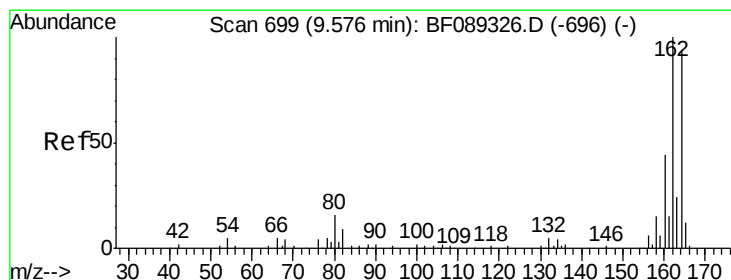
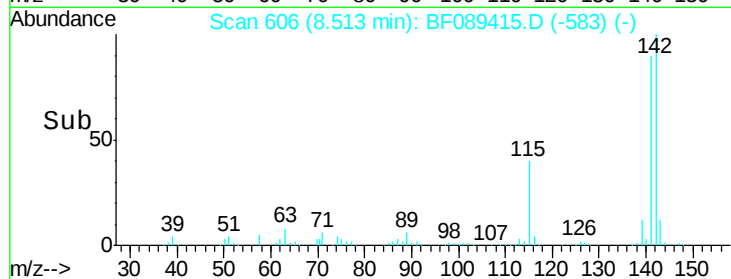
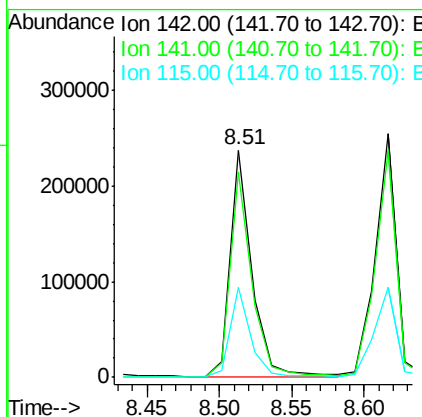
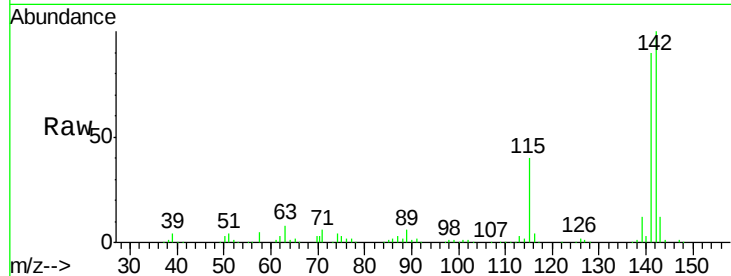




#37
2-Methylnaphthalene
Concen: 40.59 ng
RT: 8.51 min Scan# 606
Delta R.T. -0.03 min
Lab File: BF089415.D
Acq: 29 Jul 2016 18:02

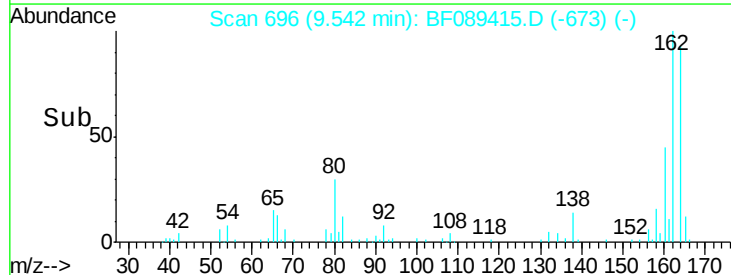
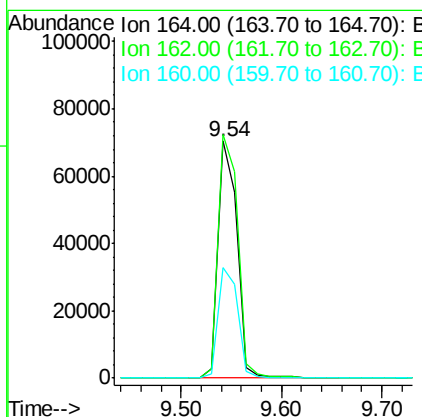
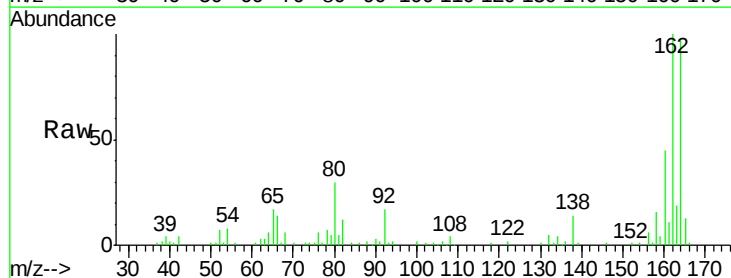
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

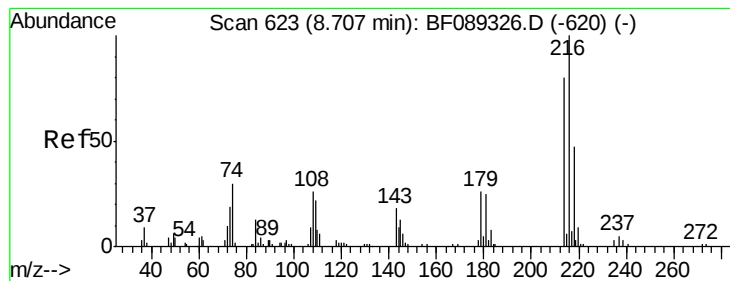
Tgt Ion:142 Resp: 248116
Ion Ratio Lower Upper
142 100
141 90.4 70.9 106.3
115 39.6 27.6 41.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF089415.D
Acq: 29 Jul 2016 18:02

Tgt Ion:164 Resp: 92093
Ion Ratio Lower Upper
164 100
162 102.8 83.7 125.5
160 46.4 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.23 ng

RT: 8.68 min Scan# 621

Delta R.T. -0.02 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 142530

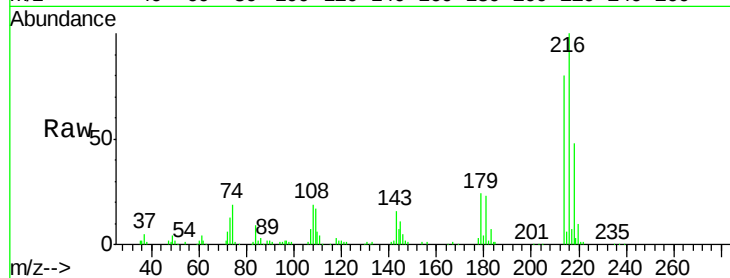
Ion Ratio Lower Upper

216 100

214 79.5 63.3 94.9

179 23.7 18.1 27.1

108 20.8 17.2 25.8

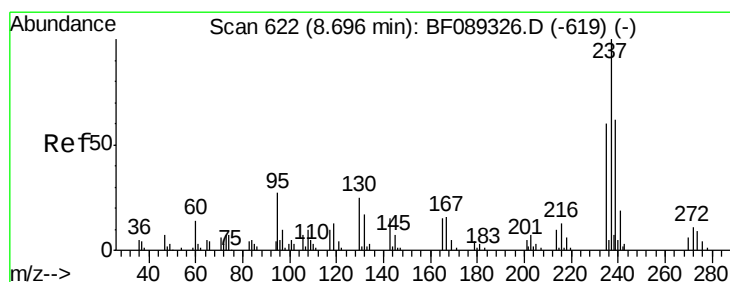
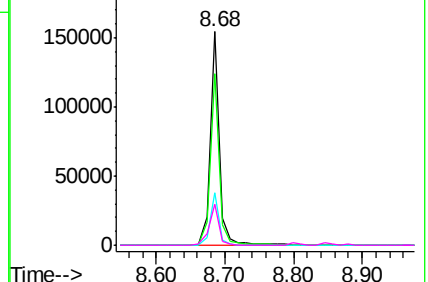
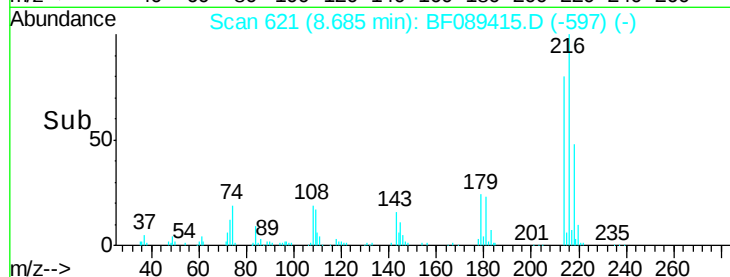


Abundance Ion 216.00 (215.70 to 216.70): E

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: 42.63 ng

RT: 8.67 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

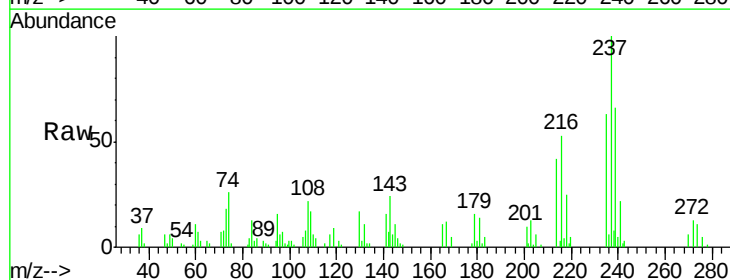
Tgt Ion:237 Resp: 34857

Ion Ratio Lower Upper

237 100

235 63.1 41.6 81.6

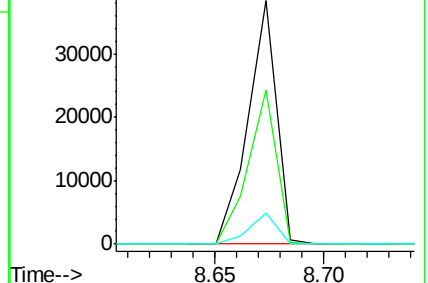
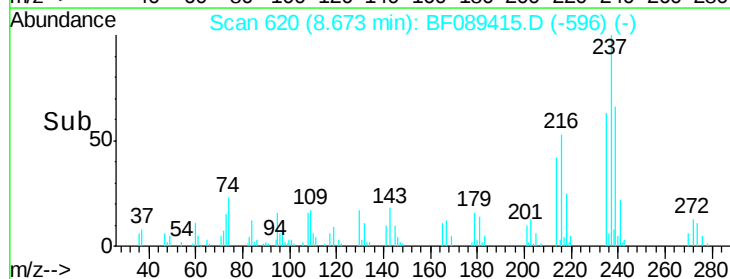
272 12.8 0.0 30.8

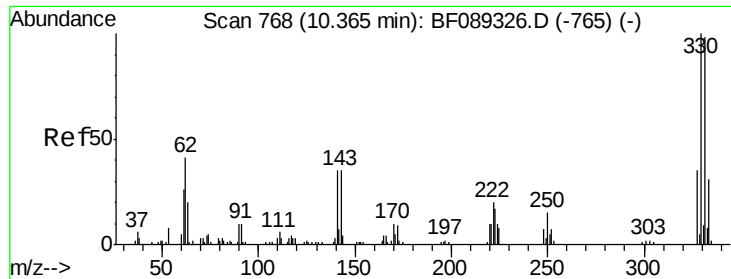


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

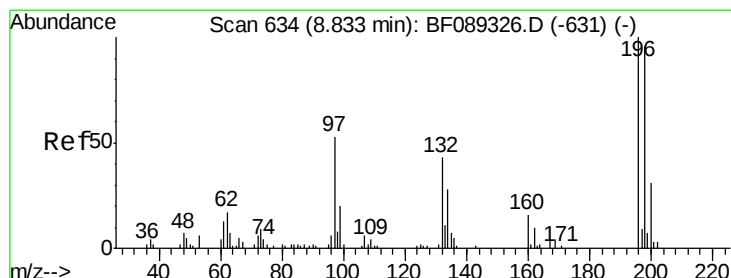
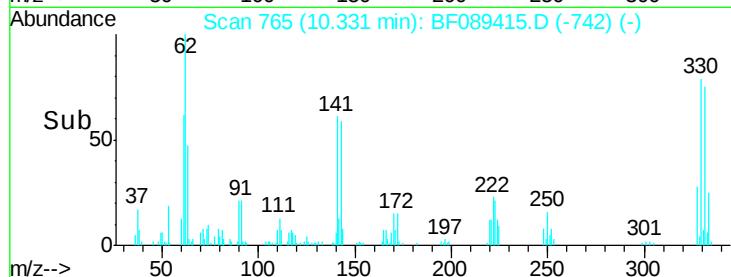
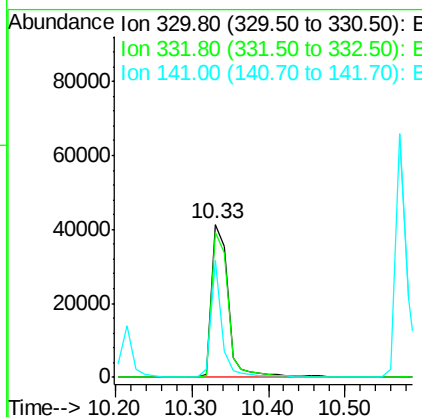
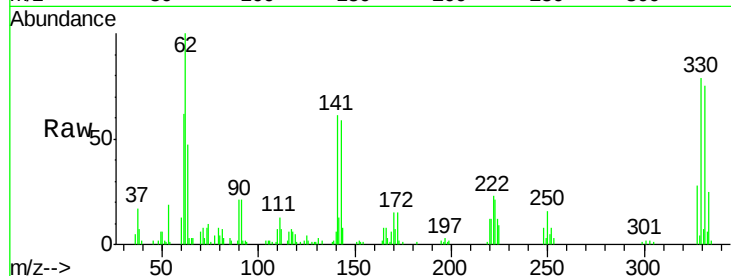




#41
 2,4,6-Tribromophenol
 Concen: 81.71 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.03 min
 Lab File: BF089415.D
 Acq: 29 Jul 2016 18:02

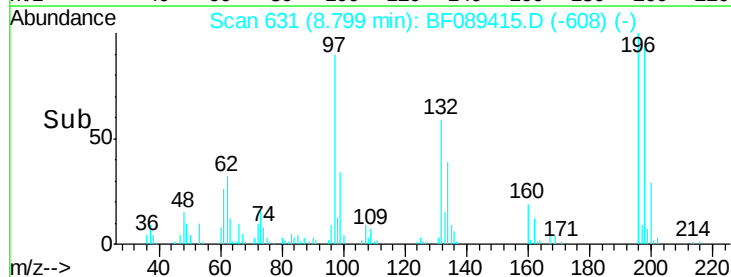
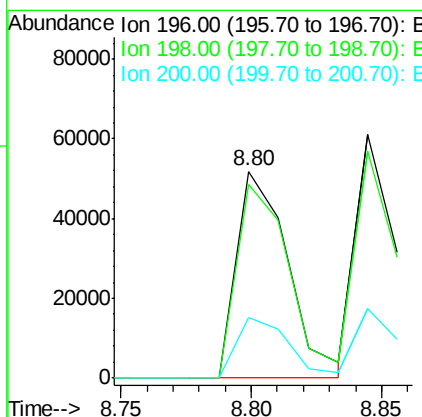
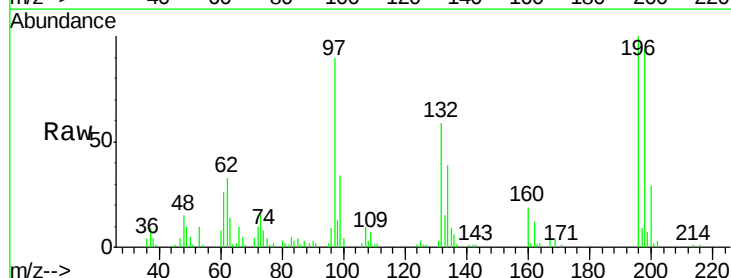
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

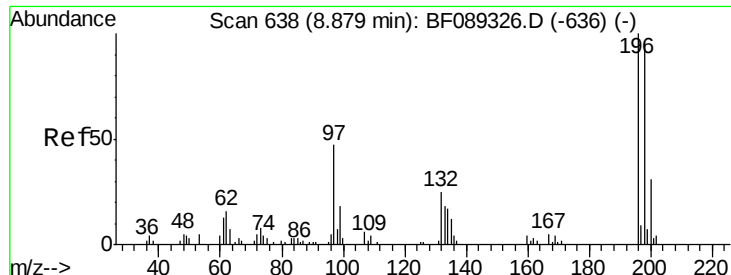
Tgt Ion:330 Resp: 62323
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.8 115.2
 141 51.0 37.3 55.9



#42
 2,4,6-Trichlorophenol
 Concen: 46.54 ng
 RT: 8.80 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF089415.D
 Acq: 29 Jul 2016 18:02

Tgt Ion:196 Resp: 71317
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.5 113.3
 200 29.2 23.9 35.9

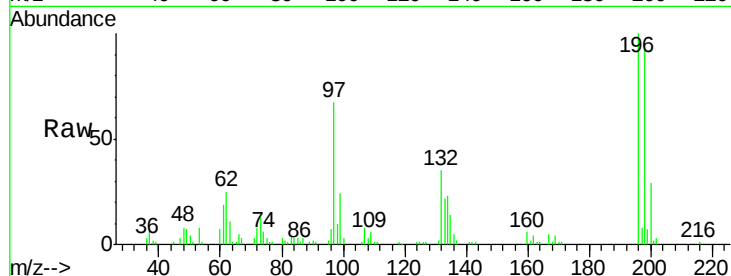




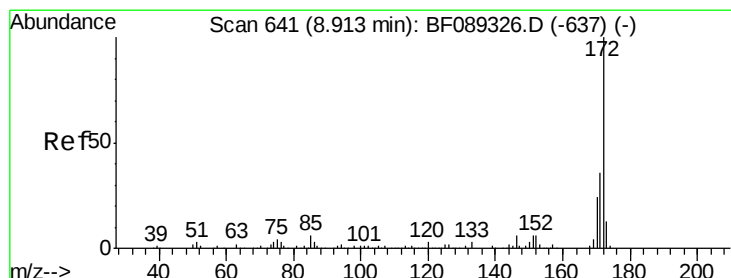
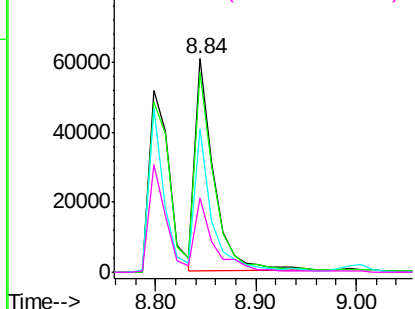
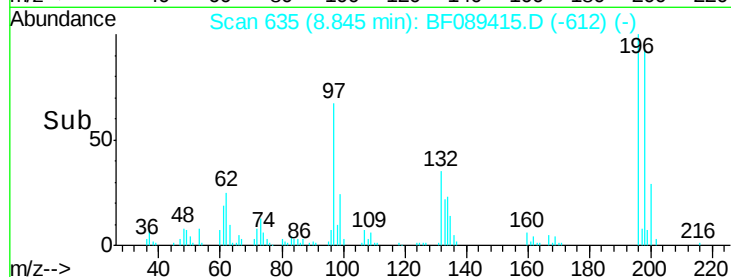
#43
 2,4,5-Trichlorophenol
 Concen: 40.78 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.03 min
 Lab File: BF089415.D
 Acq: 29 Jul 2016 18:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 79156
 Ion Ratio Lower Upper
 196 100
 198 93.2 78.7 118.1
 97 67.4 39.7 59.5#
 132 34.6 22.8 34.2#

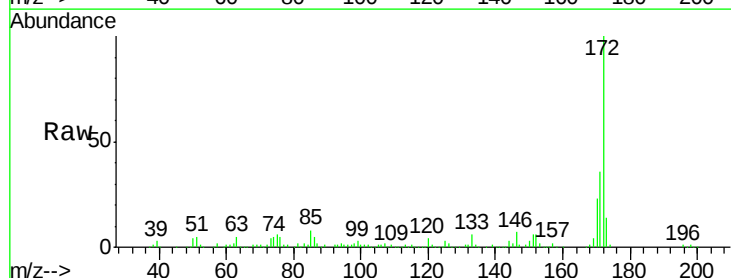


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

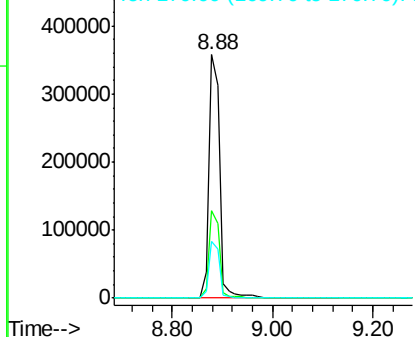
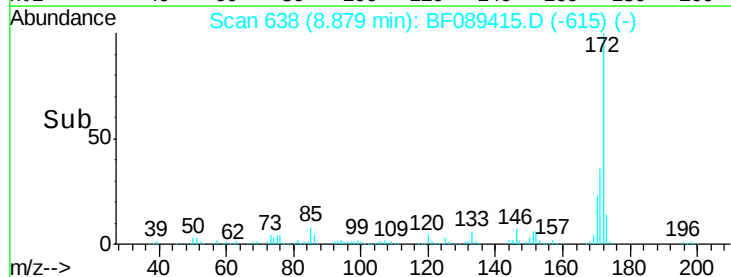


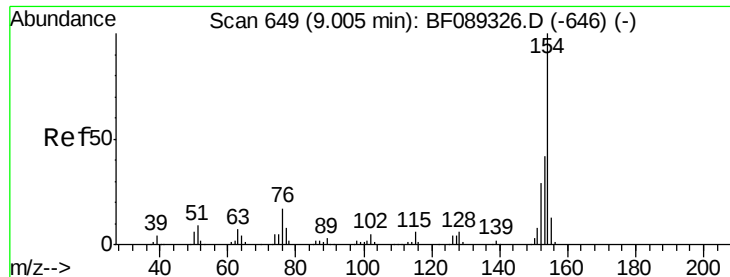
#44
 2-Fluorobiphenyl
 Concen: 84.28 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.03 min
 Lab File: BF089415.D
 Acq: 29 Jul 2016 18:02

Tgt Ion:172 Resp: 528880
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.2 43.8
 170 23.5 19.2 28.8



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

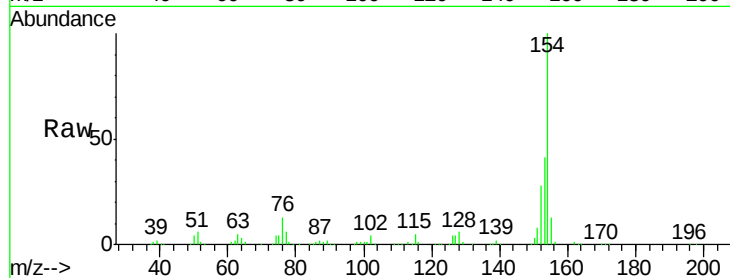




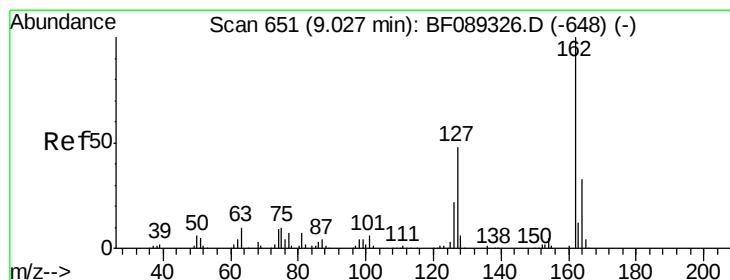
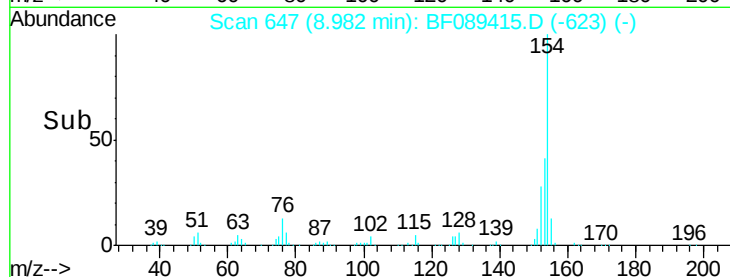
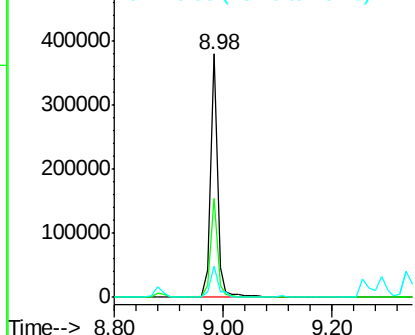
#45
 1,1'-Biphenyl
 Concen: 44.02 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF089415.D
 Acq: 29 Jul 2016 18:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 345147
 Ion Ratio Lower Upper
 154 100
 153 40.6 21.0 61.0
 76 12.8 0.0 36.6

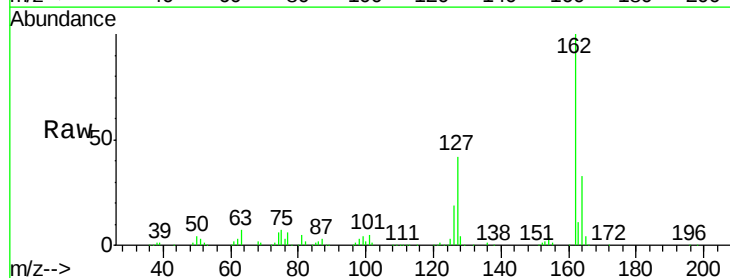


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

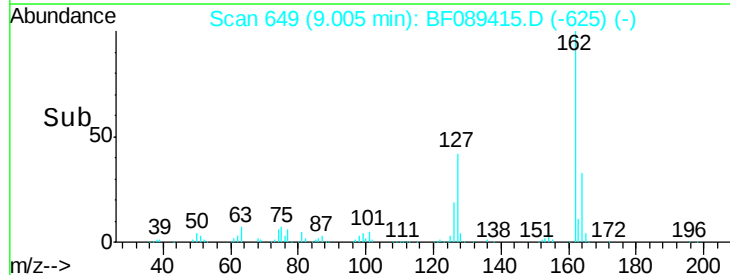
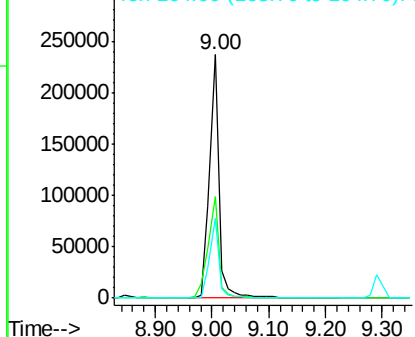


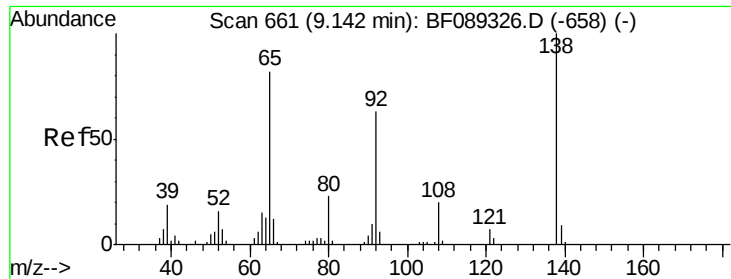
#46
 2-Chloronaphthalene
 Concen: 44.84 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: BF089415.D
 Acq: 29 Jul 2016 18:02

Tgt Ion:162 Resp: 264043
 Ion Ratio Lower Upper
 162 100
 127 41.6 37.8 56.8
 164 33.0 25.8 38.8



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

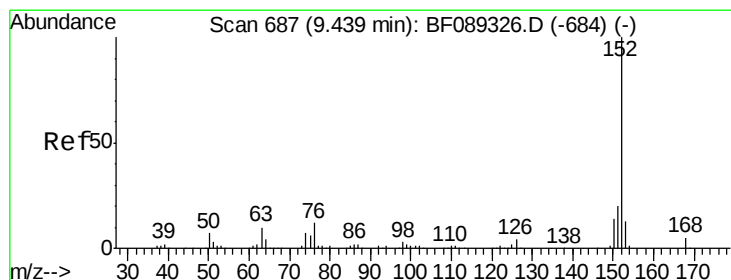
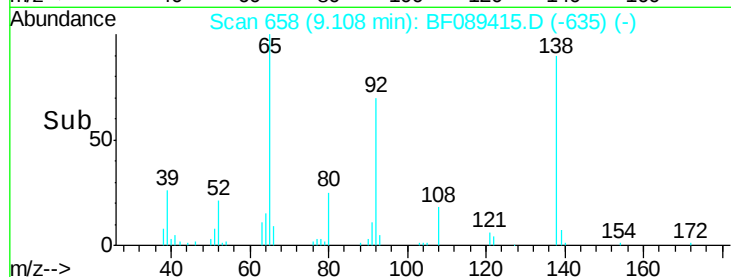
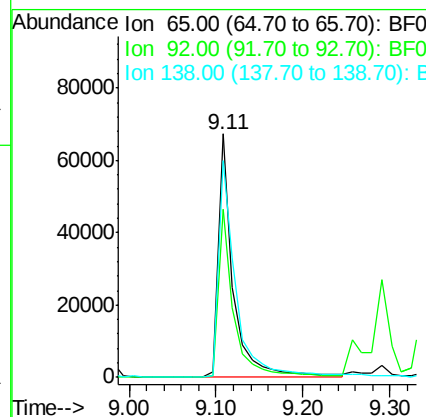
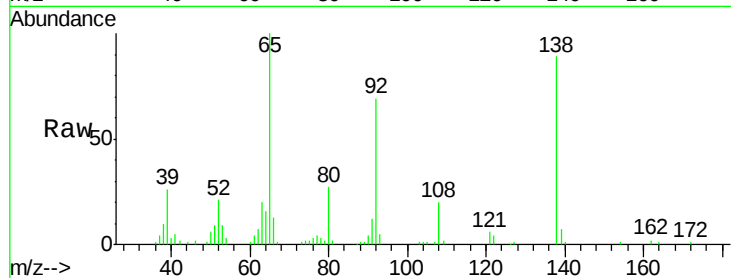




#47
2-Nitroaniline
Concen: 47.35 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.03 min
Lab File: BF089415.D
Acq: 29 Jul 2016 18:02

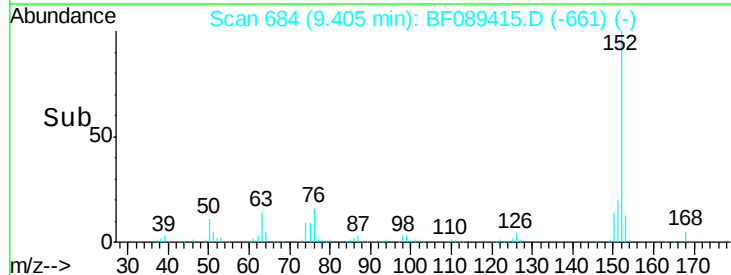
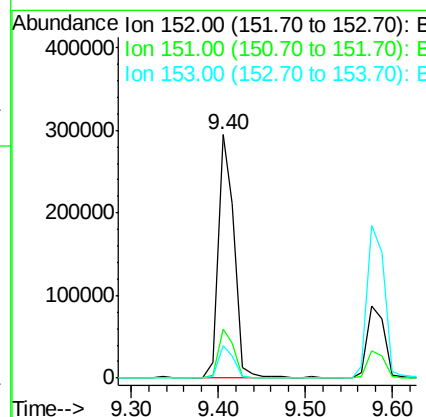
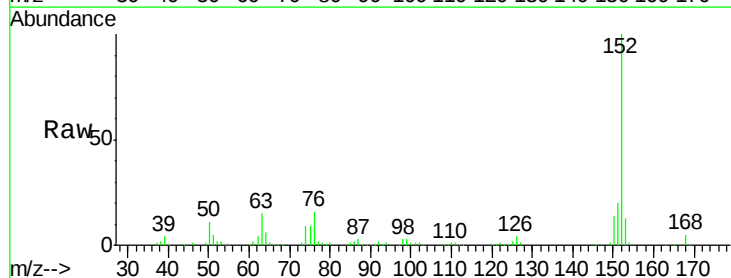
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

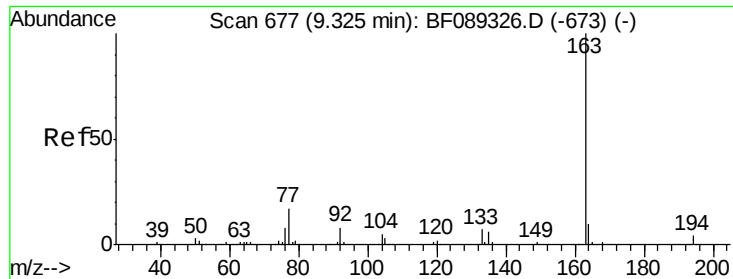
Tgt Ion: 65 Resp: 82576
Ion Ratio Lower Upper
65 100
92 69.1 61.0 91.4
138 88.9 99.1 148.7#



#48
Acenaphthylene
Concen: 41.12 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF089415.D
Acq: 29 Jul 2016 18:02

Tgt Ion: 152 Resp: 381417
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.5 10.2 15.4

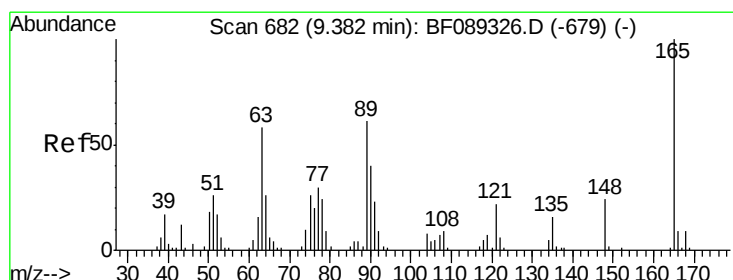
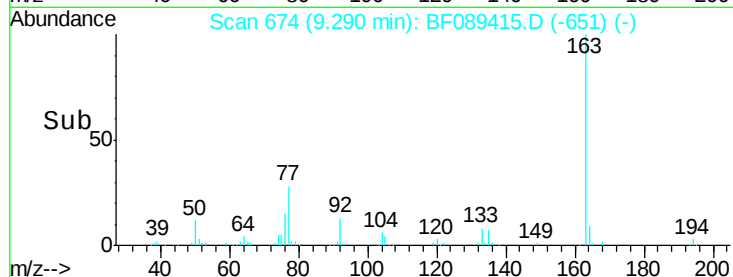
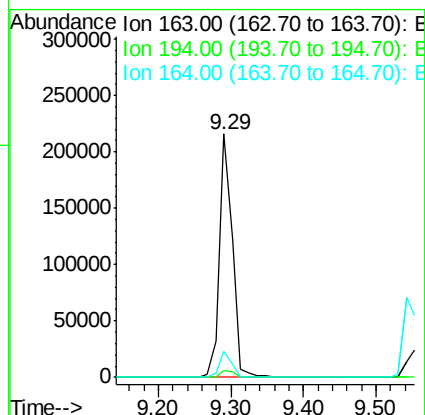
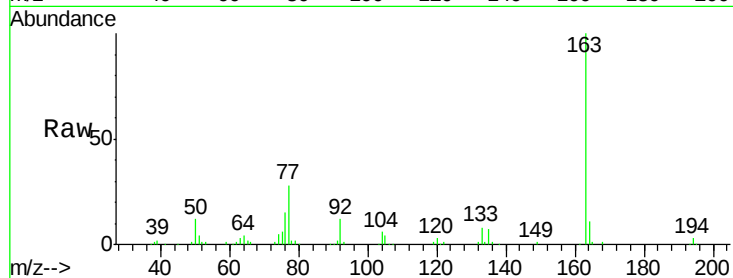




#49
Dimethylphthalate
Concen: 38.07 ng
RT: 9.29 min Scan# 674
Delta R.T. -0.03 min
Lab File: BF089415.D
Acq: 29 Jul 2016 18:02

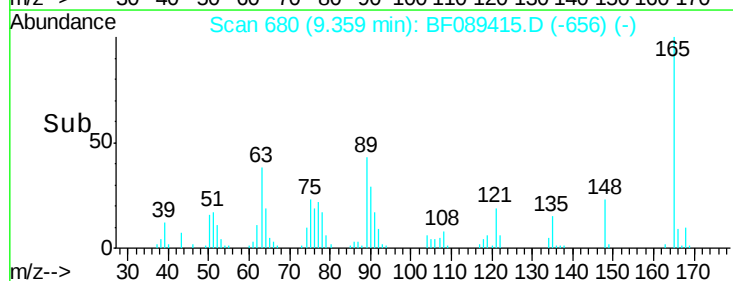
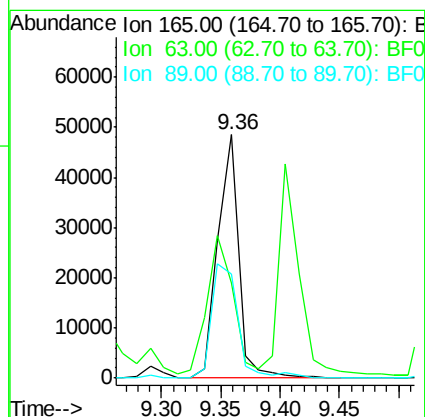
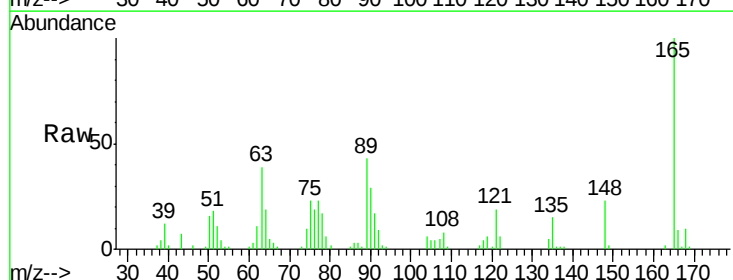
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

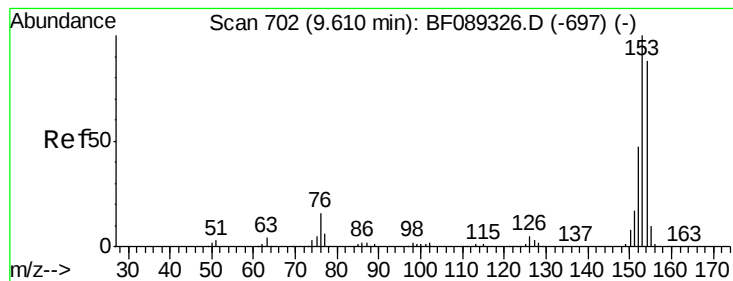
Tgt Ion:163 Resp: 266830
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 10.6 7.8 11.8



#50
2,6-Dinitrotoluene
Concen: 40.99 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF089415.D
Acq: 29 Jul 2016 18:02

Tgt Ion:165 Resp: 59030
Ion Ratio Lower Upper
165 100
63 39.0 43.5 65.3#
89 42.9 45.0 67.4#





#51

Acenaphthene

Concen: 40.61 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.03 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

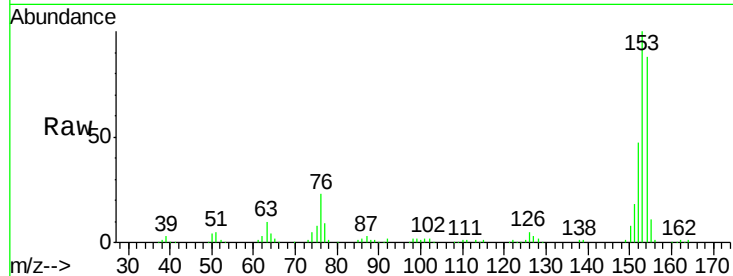
Tgt Ion:154 Resp: 219945

Ion Ratio Lower Upper

154 100

153 114.1 91.4 137.2

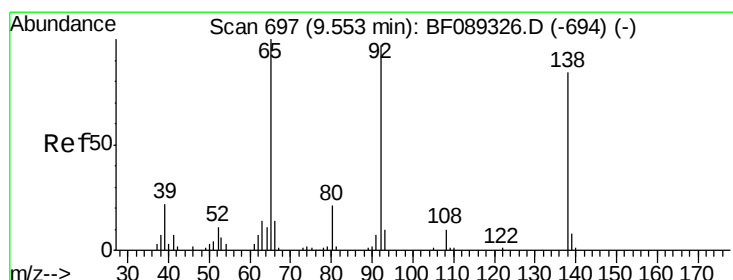
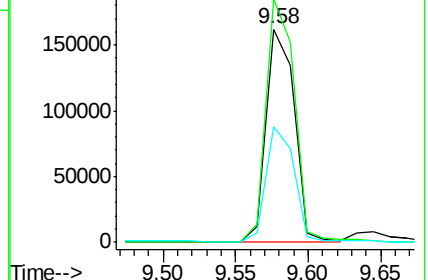
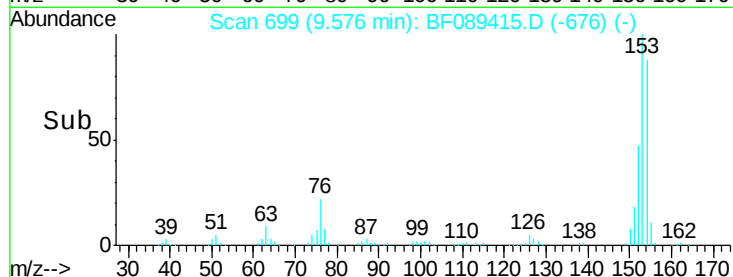
152 54.2 43.8 65.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 48.83 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.03 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

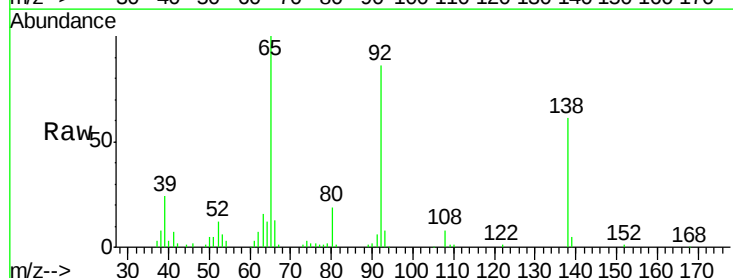
Tgt Ion:138 Resp: 74203

Ion Ratio Lower Upper

138 100

108 12.5 8.6 13.0

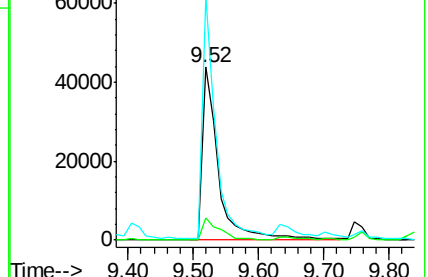
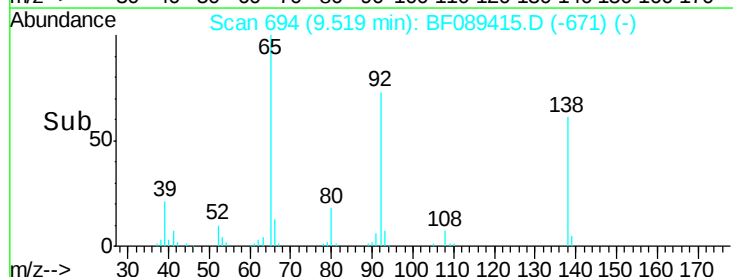
92 141.0 90.0 135.0#

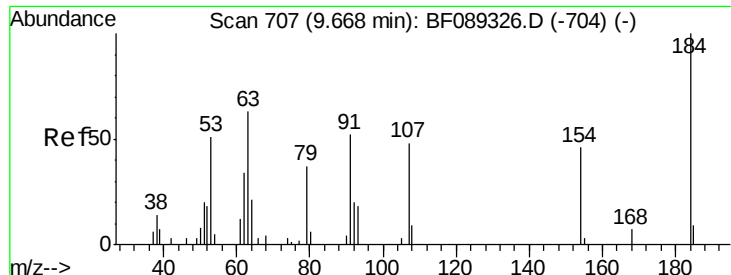


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

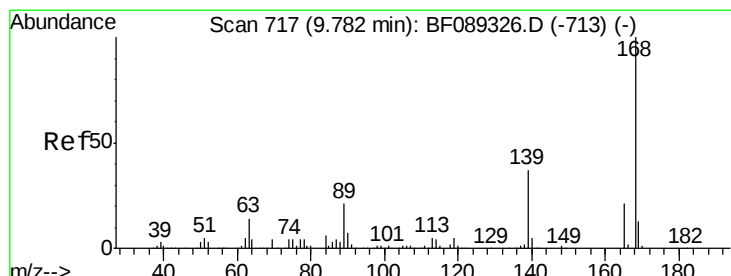
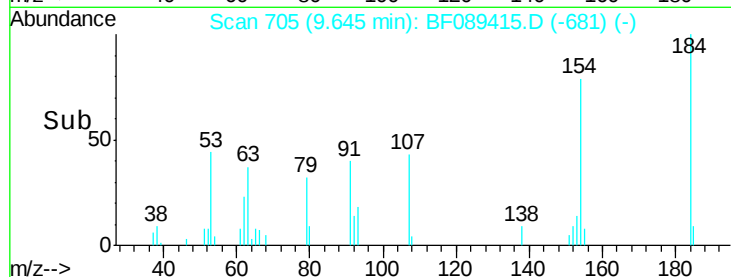
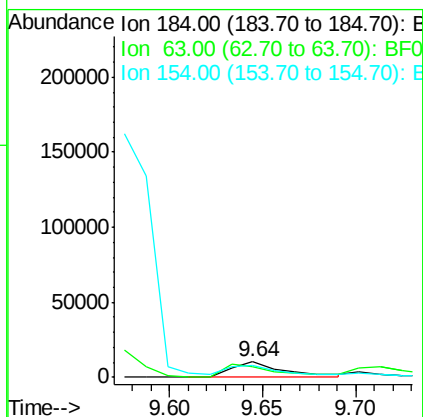
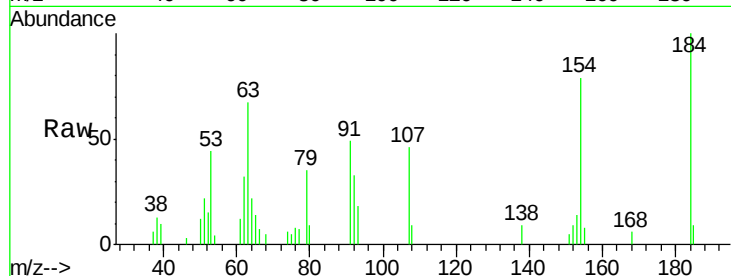




#53
2,4-Dinitrophenol
Concen: 41.64 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF089415.D
Acq: 29 Jul 2016 18:02

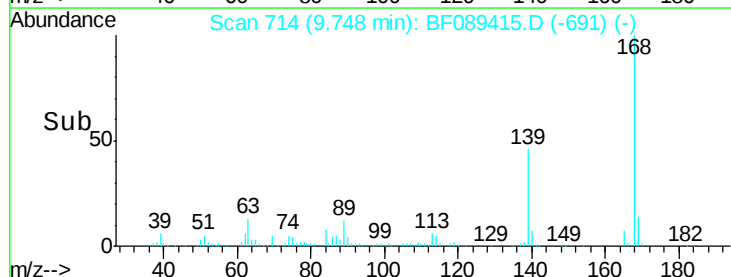
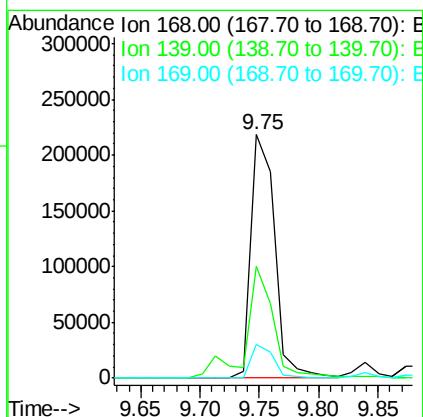
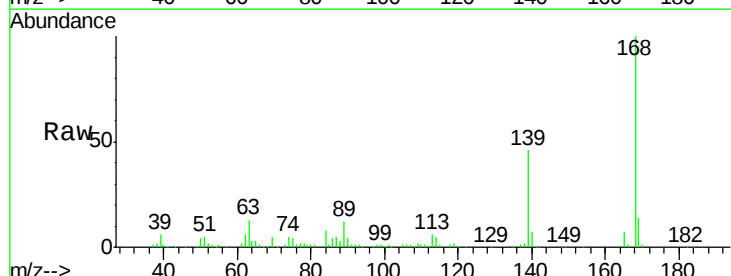
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

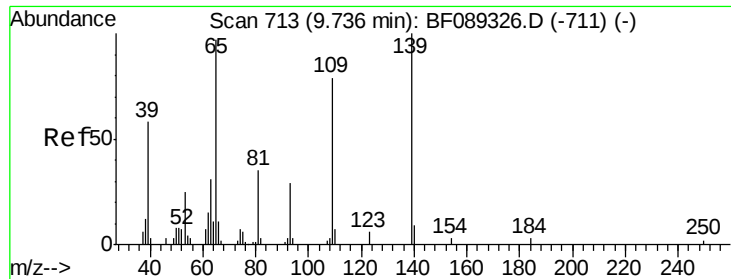
Tgt Ion:184 Resp: 20110
Ion Ratio Lower Upper
184 100
63 66.9 60.6 90.8
154 79.3 69.8 104.8



#54
Dibenzofuran
Concen: 41.79 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.03 min
Lab File: BF089415.D
Acq: 29 Jul 2016 18:02

Tgt Ion:168 Resp: 308447
Ion Ratio Lower Upper
168 100
139 46.0 33.7 50.5
169 13.8 10.7 16.1





#55

4-Nitrophenol

Concen: 215.85 ng

RT: 9.75 min Scan# 714

Delta R.T. 0.01 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

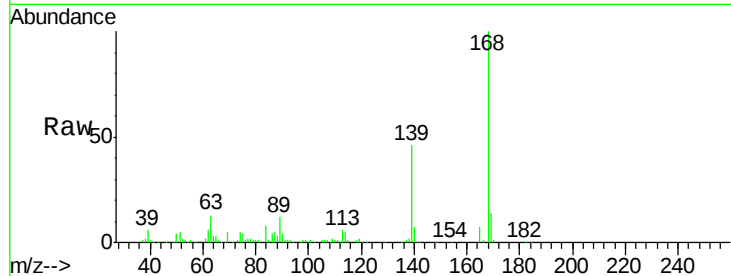
Tgt Ion:139 Resp: 168187

Ion Ratio Lower Upper

139 100

109 4.0 57.8 97.8#

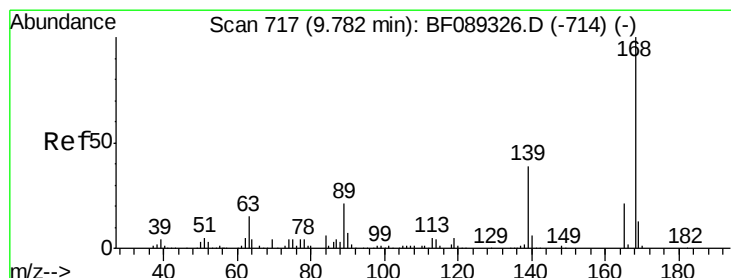
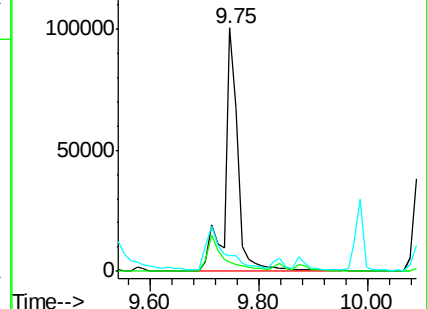
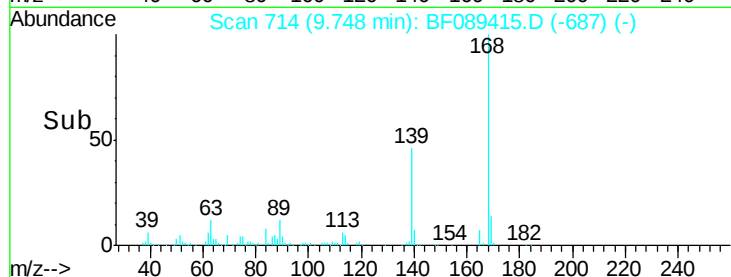
65 6.6 81.7 121.7#



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: 43.37 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.02 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

Tgt Ion:165 Resp: 82227

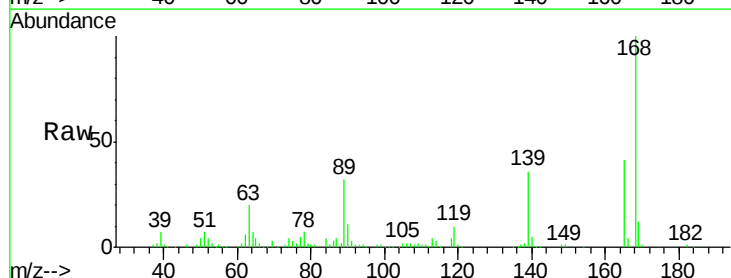
Ion Ratio Lower Upper

165 100

63 48.2 58.2 87.2#

89 77.0 79.1 118.7#

182 2.4 1.8 2.8

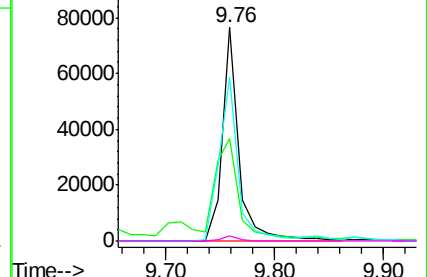
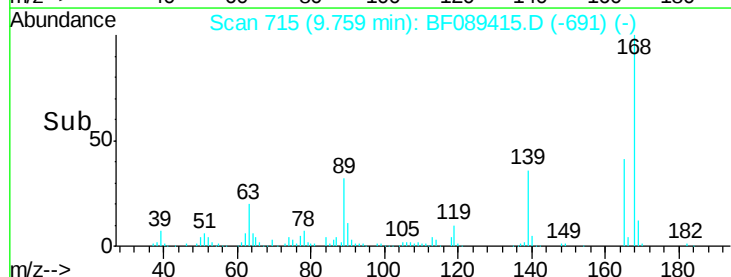


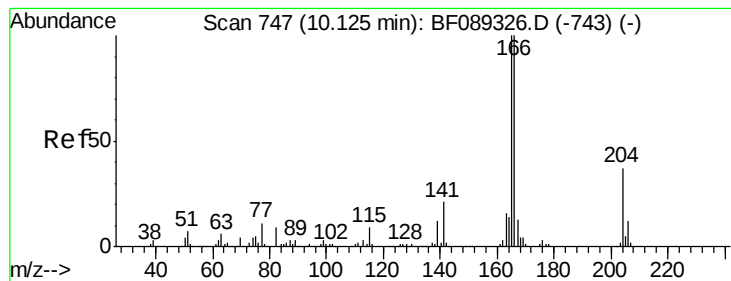
Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.23 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.03 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

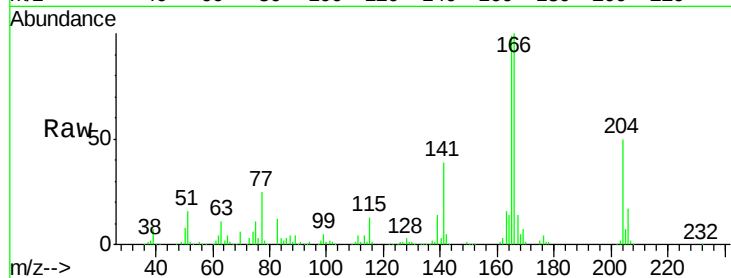
Tgt Ion:166 Resp: 259211

Ion Ratio Lower Upper

166 100

165 98.8 79.0 118.4

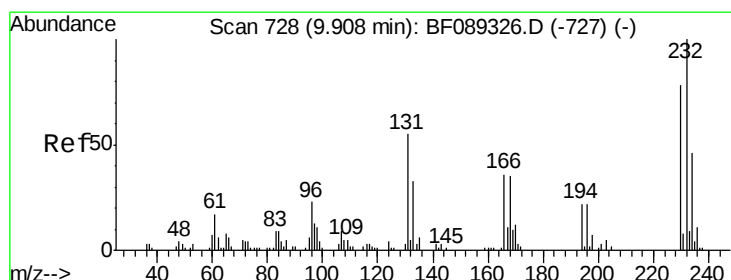
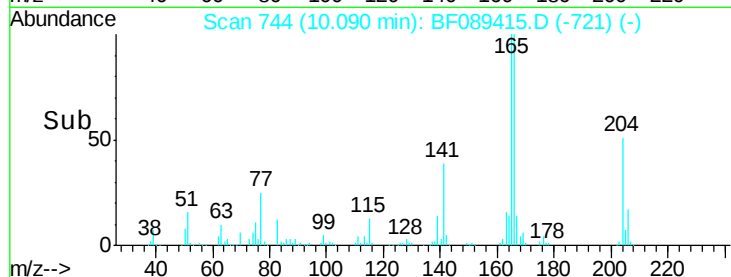
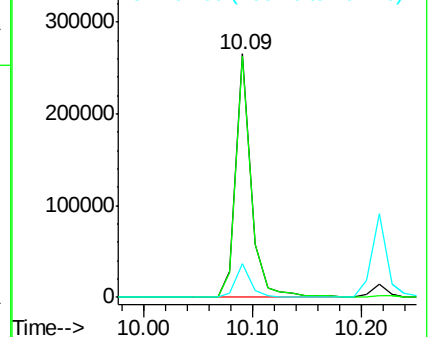
167 13.8 10.2 15.2



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: 40.18 ng

RT: 9.88 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

Tgt Ion:232 Resp: 52068

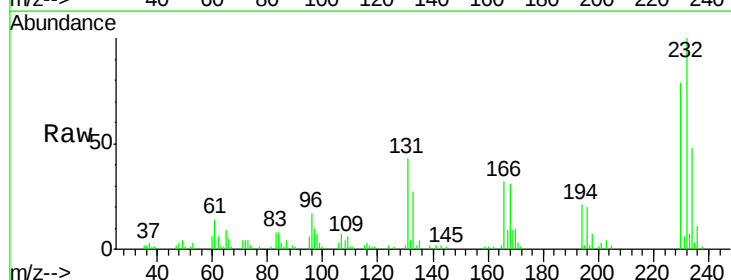
Ion Ratio Lower Upper

232 100

131 60.4 42.7 64.1

130 2.6 1.7 2.5#

166 39.4 25.7 38.5#

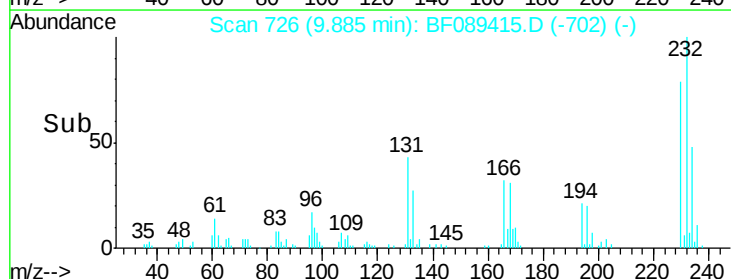
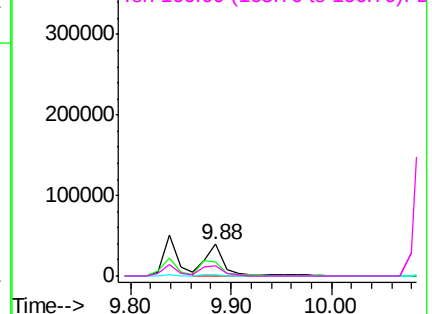


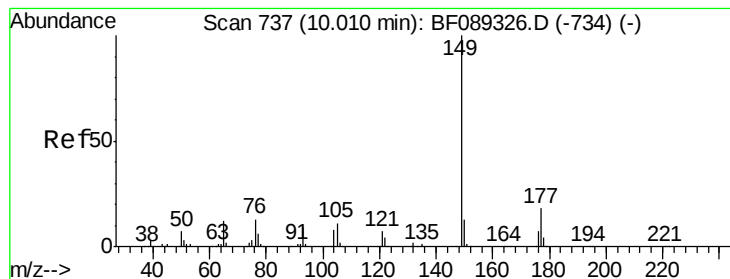
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 42.65 ng

RT: 9.99 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

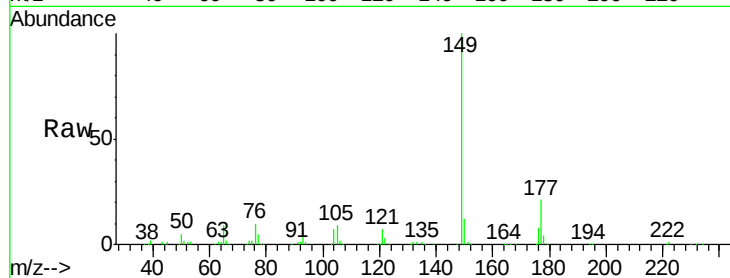
Tgt Ion:149 Resp: 303086

Ion Ratio Lower Upper

149 100

177 20.9 15.1 22.7

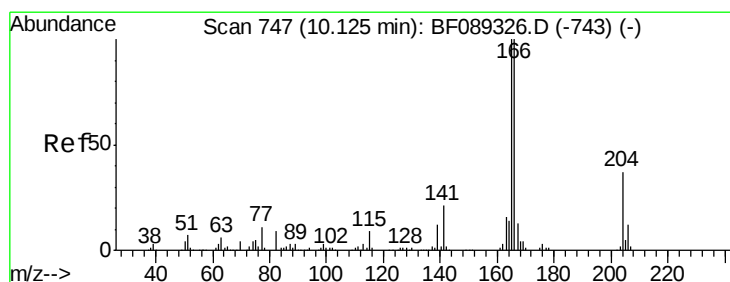
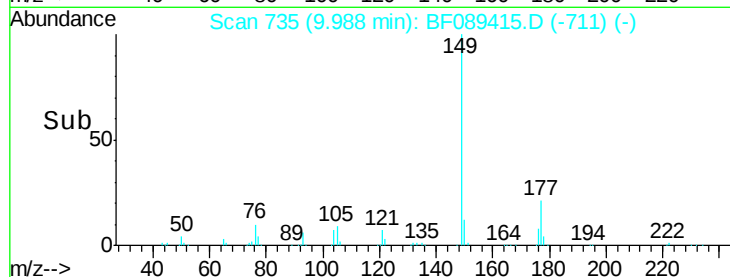
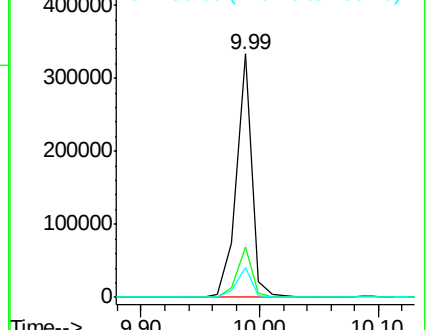
150 12.3 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.73 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.03 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

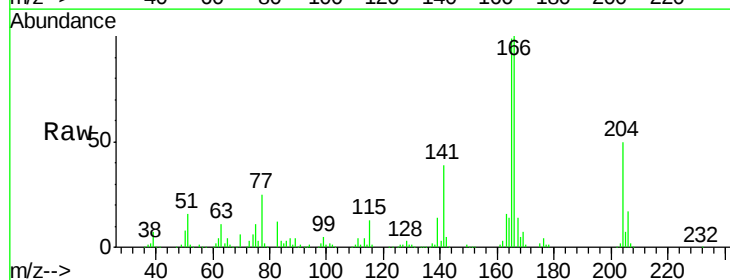
Tgt Ion:204 Resp: 123328

Ion Ratio Lower Upper

204 100

206 33.0 26.6 39.8

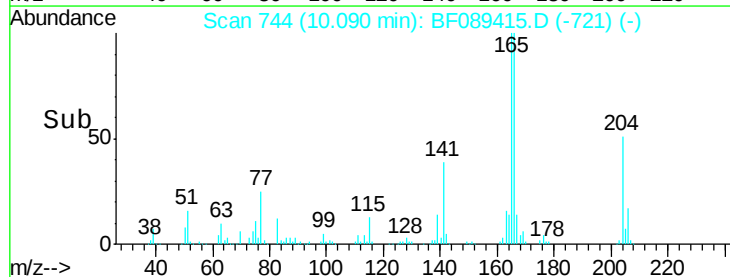
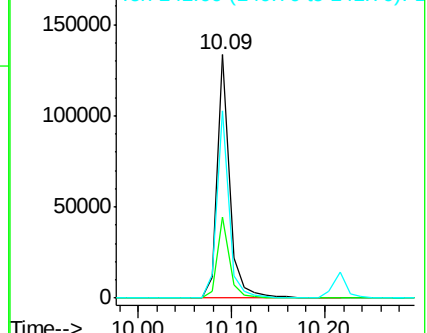
141 77.1 46.6 70.0#

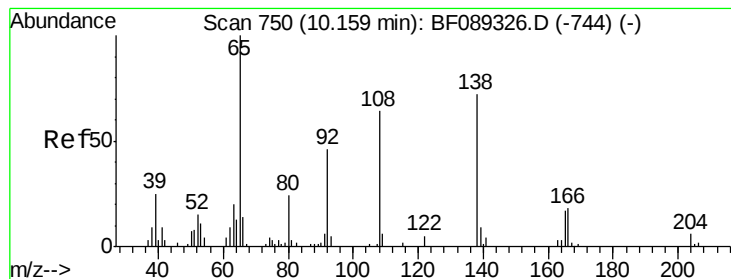


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 45.18 ng

RT: 10.14 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

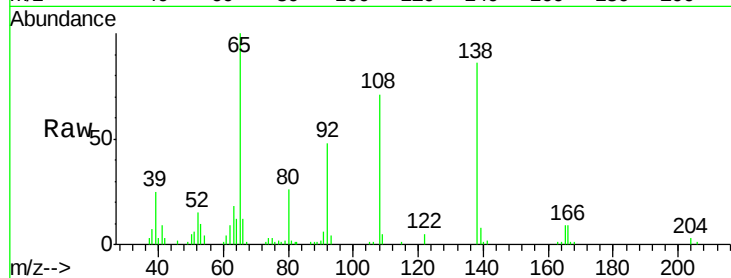
Tgt Ion:138 Resp: 70774

Ion Ratio Lower Upper

138 100

92 56.5 41.2 81.2

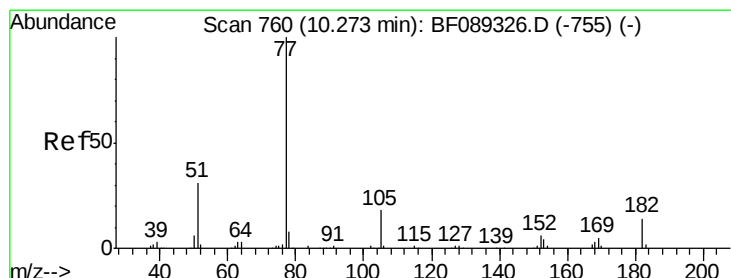
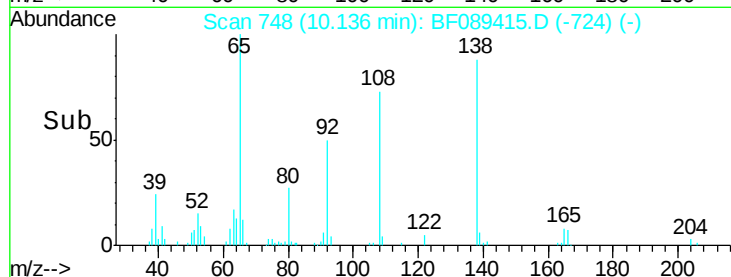
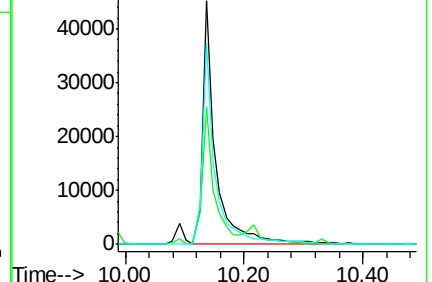
108 82.8 69.6 109.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.71 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.02 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

Tgt Ion: 77 Resp: 312514

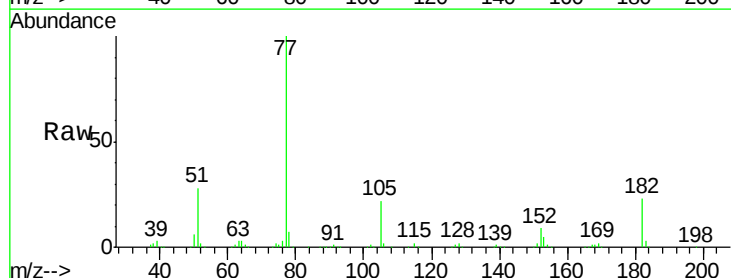
Ion Ratio Lower Upper

77 100

182 22.7 0.0 33.8

105 21.9 0.0 39.8

51 28.0 11.0 51.0

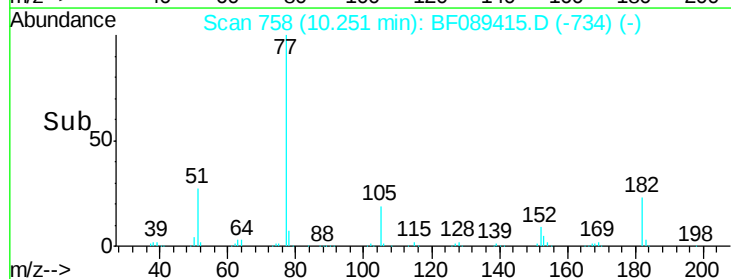
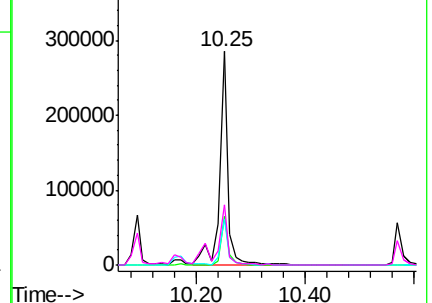


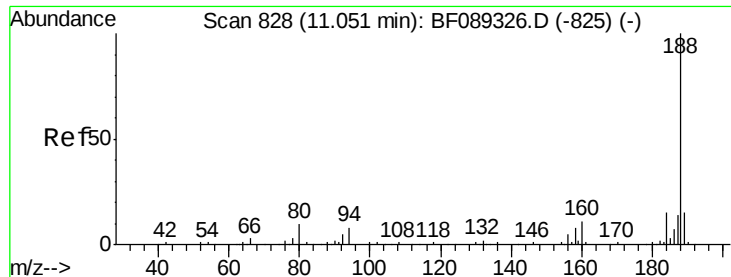
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

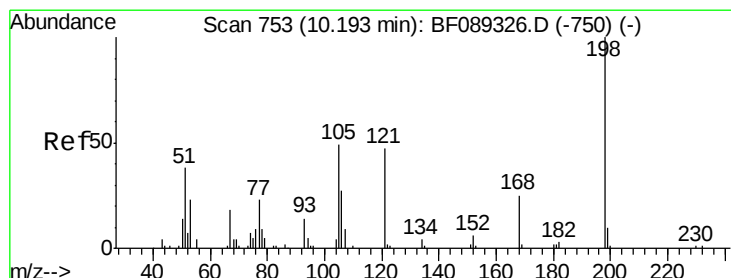
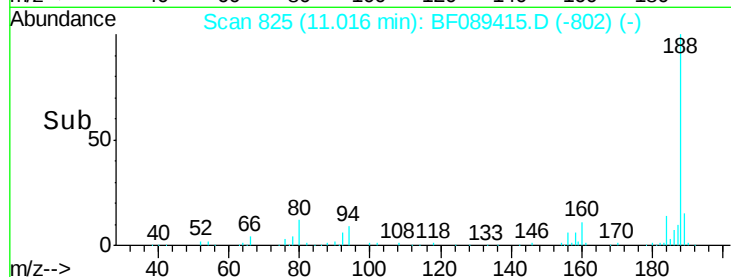
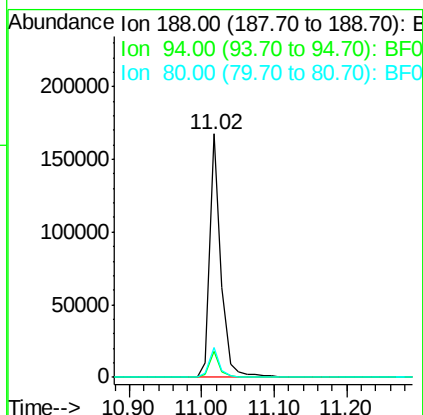
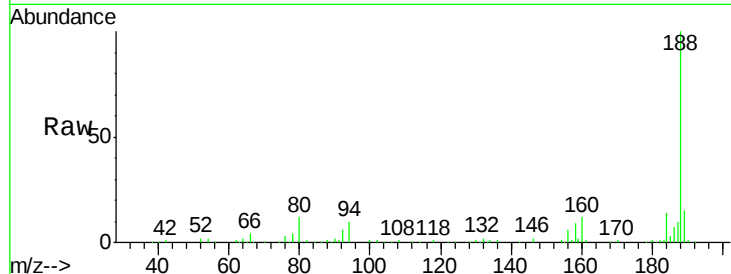




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.02 min Scan# 825
 Delta R.T. -0.03 min
 Lab File: BF089415.D
 Acq: 29 Jul 2016 18:02

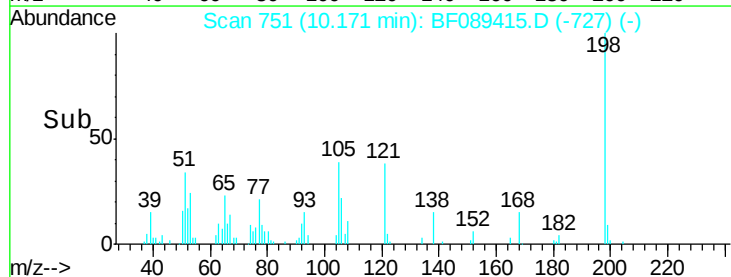
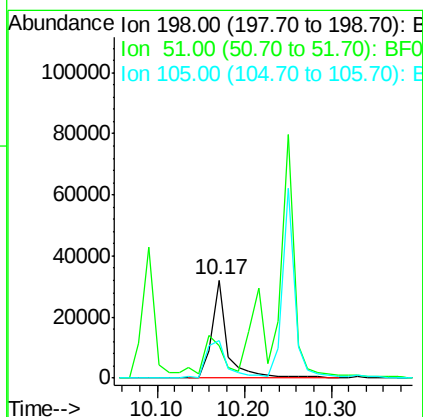
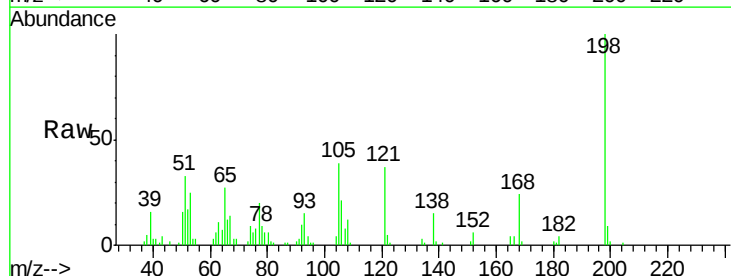
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

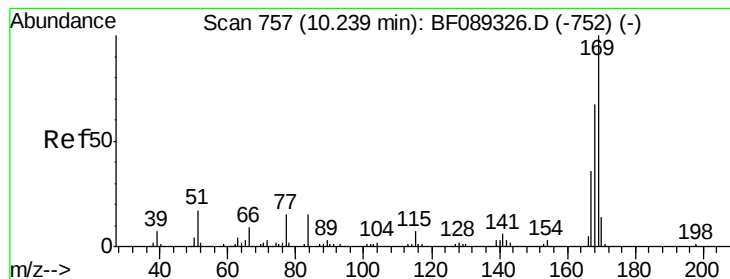
Tgt Ion:188 Resp: 179443
 Ion Ratio Lower Upper
 188 100
 94 10.5 6.5 9.7#
 80 12.4 7.2 10.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.70 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.02 min
 Lab File: BF089415.D
 Acq: 29 Jul 2016 18:02

Tgt Ion:198 Resp: 39724
 Ion Ratio Lower Upper
 198 100
 51 33.0 23.0 63.0
 105 38.5 28.3 68.3





#65

n-Nitrosodiphenylamine

Concen: 45.17 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

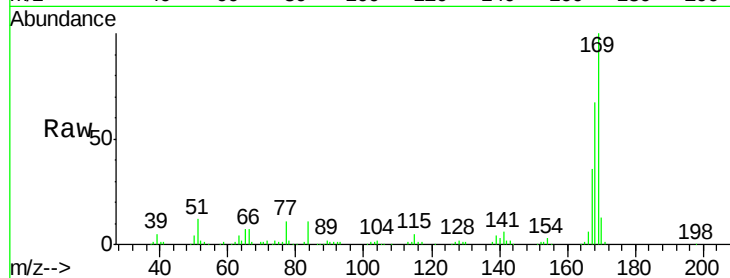
Tgt Ion:169 Resp: 252916

Ion Ratio Lower Upper

169 100

168 67.1 55.4 83.0

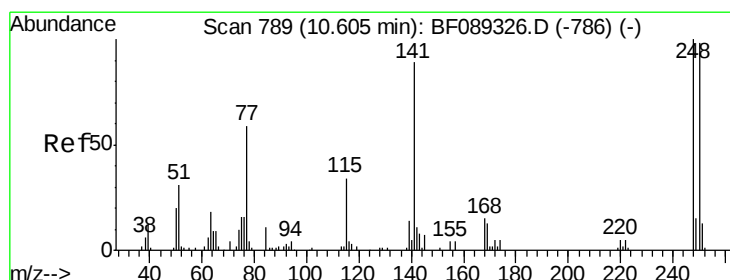
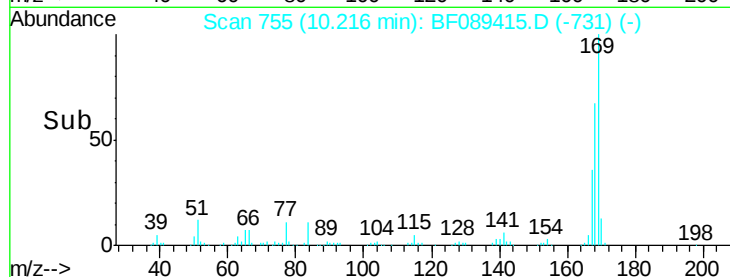
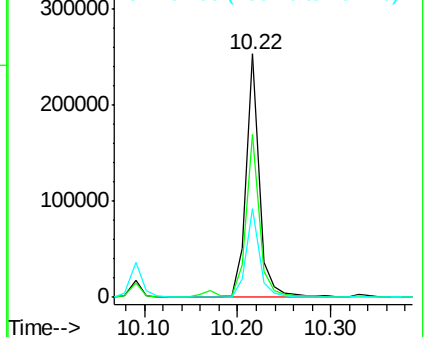
167 36.3 29.7 44.5



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: 40.91 ng

RT: 10.57 min Scan# 786

Delta R.T. -0.03 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

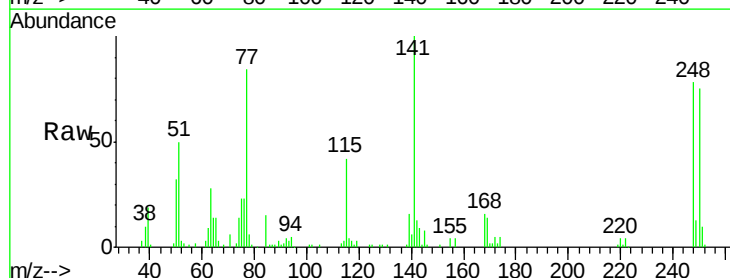
Tgt Ion:248 Resp: 70092

Ion Ratio Lower Upper

248 100

250 95.1 78.2 117.2

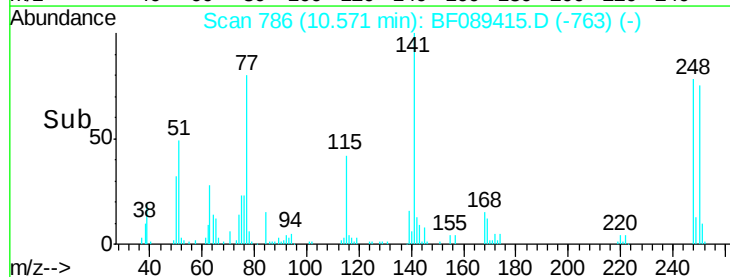
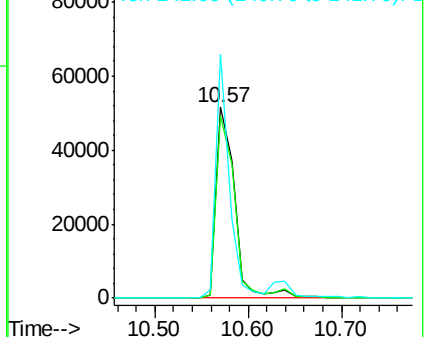
141 127.5 62.0 93.0#

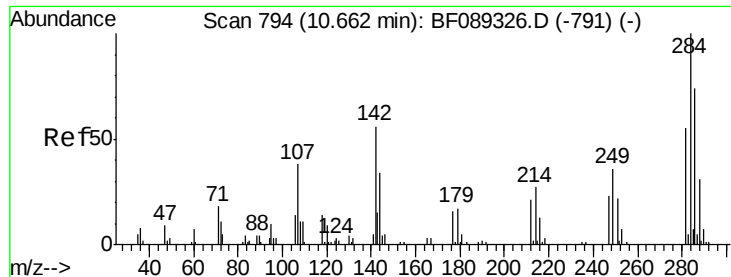


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

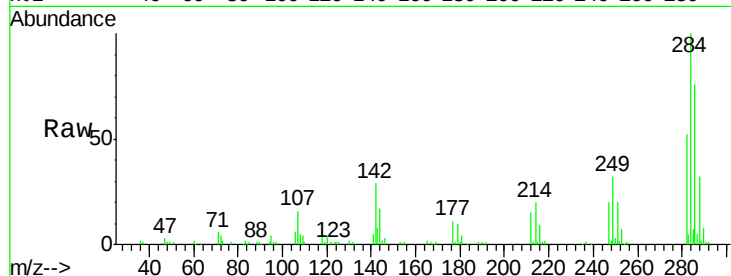




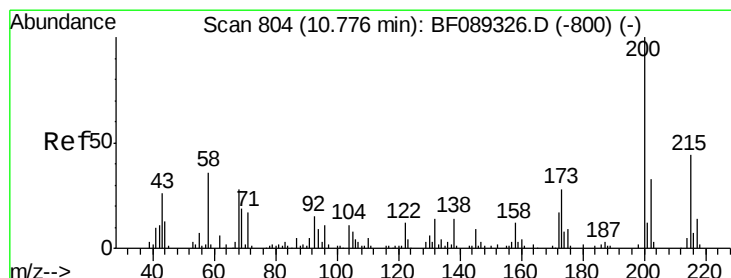
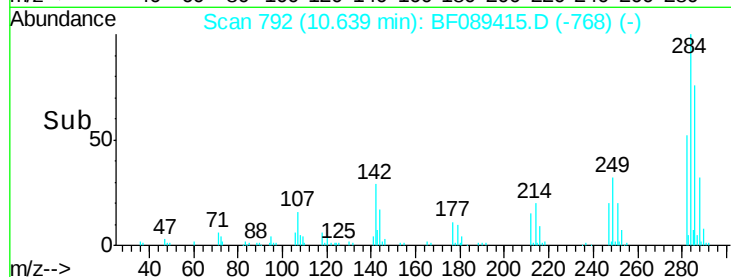
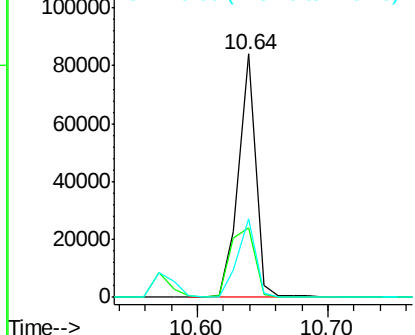
#67
Hexachlorobenzene
Concen: 44.17 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.02 min
Lab File: BF089415.D
Acq: 29 Jul 2016 18:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:284 Resp: 77543
Ion Ratio Lower Upper
284 100
142 28.7 42.2 63.4#
249 32.3 29.4 44.0

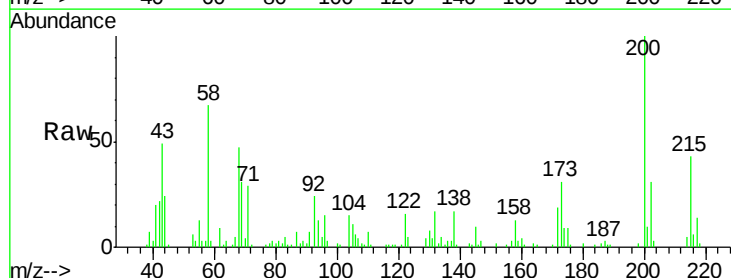


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

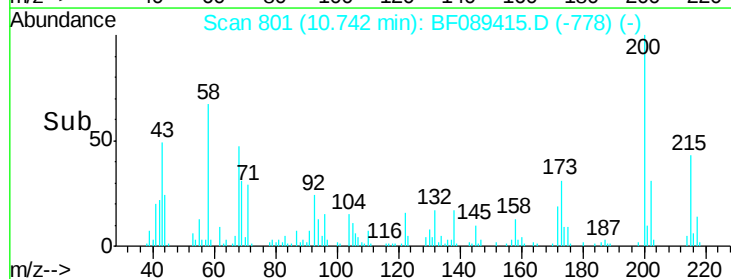
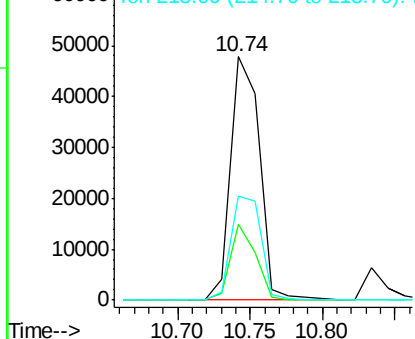


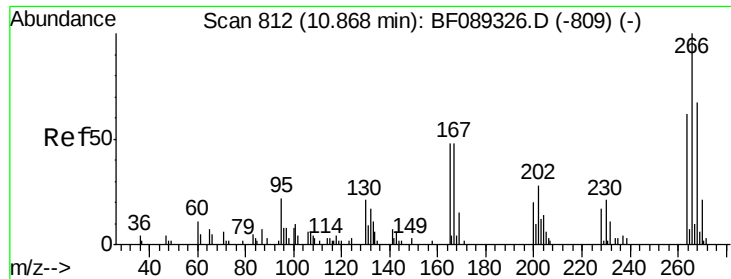
#68
Atrazine
Concen: 38.36 ng
RT: 10.74 min Scan# 801
Delta R.T. -0.03 min
Lab File: BF089415.D
Acq: 29 Jul 2016 18:02

Tgt Ion:200 Resp: 65987
Ion Ratio Lower Upper
200 100
173 31.0 6.0 46.0
215 42.8 24.3 64.3



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

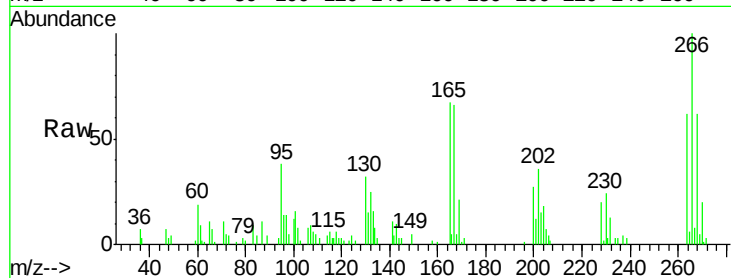




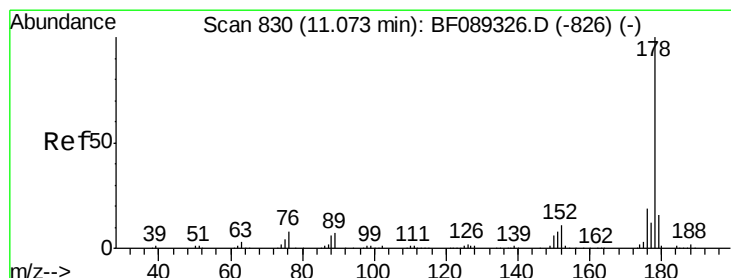
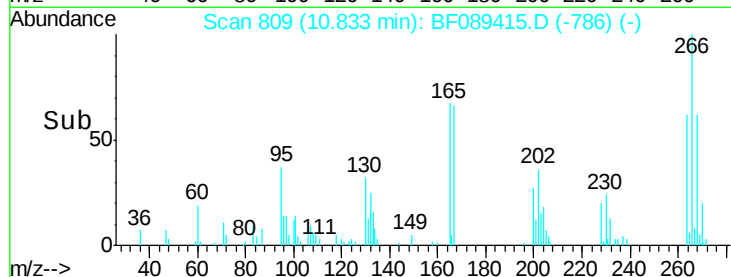
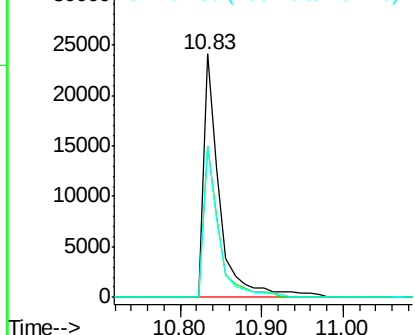
#69
 Pentachlorophenol
 Concen: 42.17 ng
 RT: 10.83 min Scan# 809
 Delta R.T. -0.03 min
 Lab File: BF089415.D
 Acq: 29 Jul 2016 18:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 33234
 Ion Ratio Lower Upper
 266 100
 268 62.4 49.4 74.2
 264 62.4 50.2 75.2

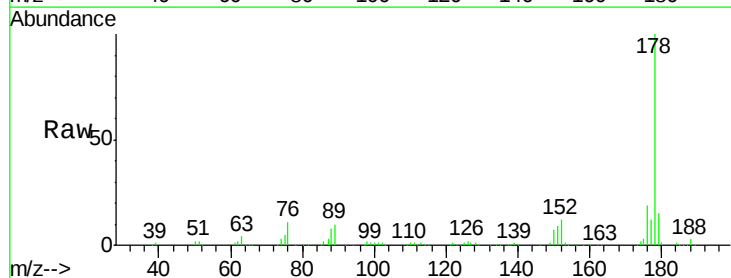


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

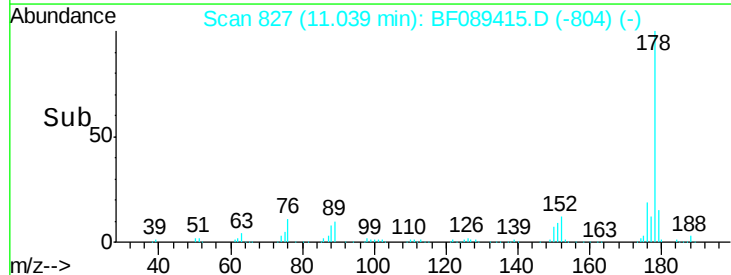
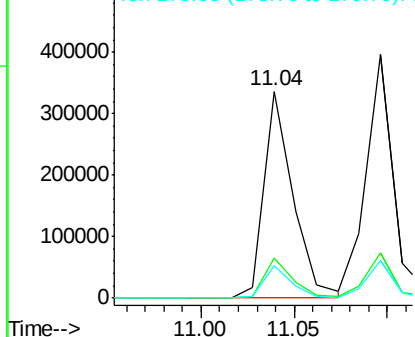


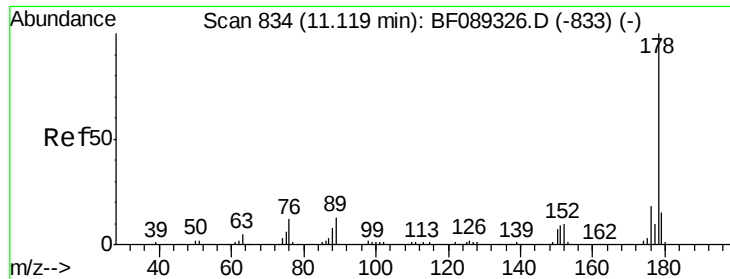
#70
 Phenanthrene
 Concen: 38.83 ng
 RT: 11.04 min Scan# 827
 Delta R.T. -0.03 min
 Lab File: BF089415.D
 Acq: 29 Jul 2016 18:02

Tgt Ion:178 Resp: 359398
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.5 23.3
 179 15.5 12.3 18.5



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

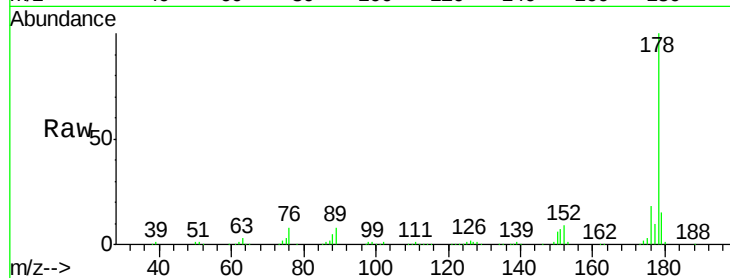




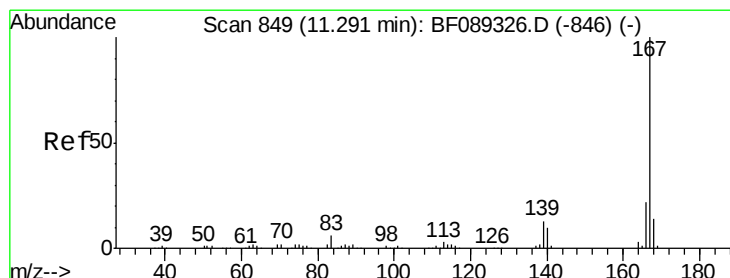
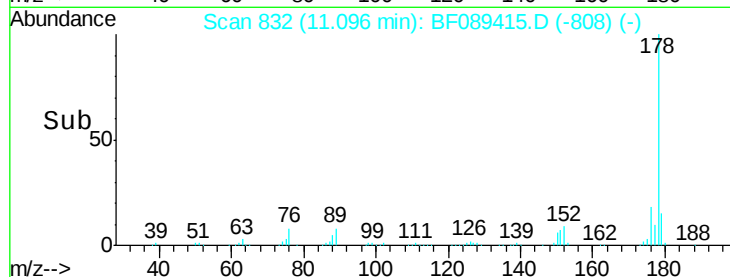
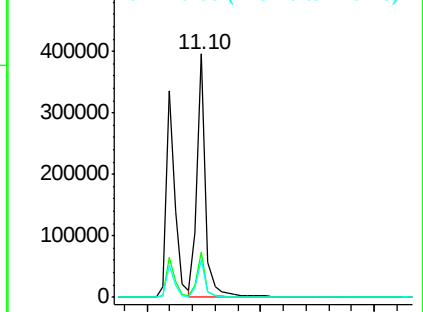
#71
 Anthracene
 Concen: 40.72 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF089415.D
 Acq: 29 Jul 2016 18:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 418961
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.8 22.2
 179 15.2 12.6 18.8

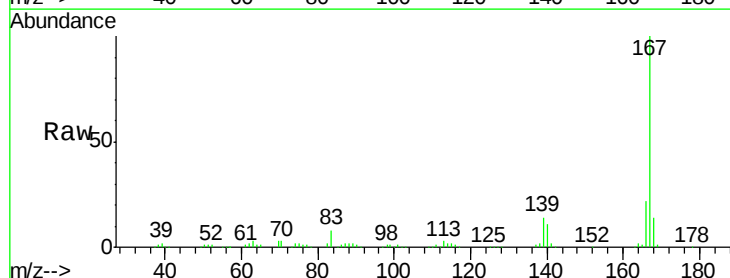


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

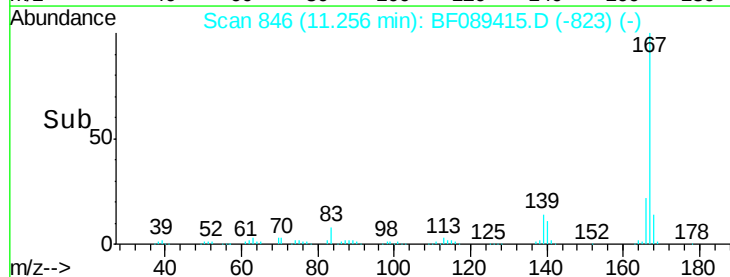
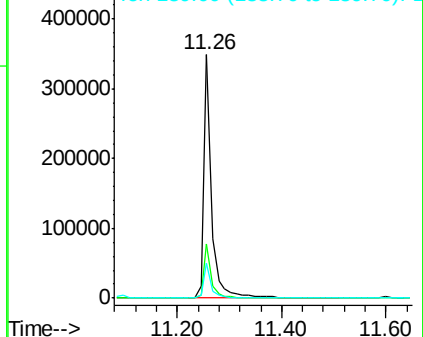


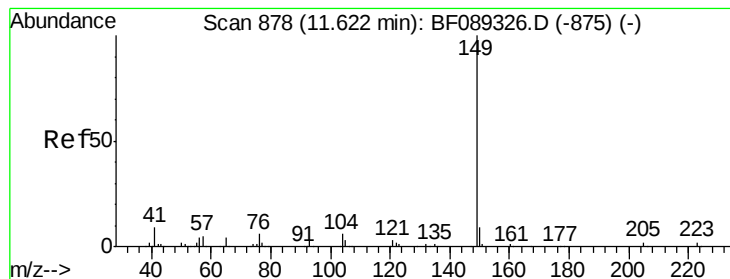
#72
 Carbazole
 Concen: 41.96 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.03 min
 Lab File: BF089415.D
 Acq: 29 Jul 2016 18:02

Tgt Ion:167 Resp: 363456
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 14.3 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.73 ng

RT: 11.60 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

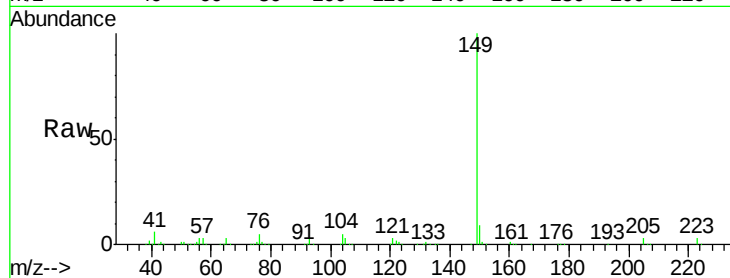
Tgt Ion:149 Resp: 473316

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

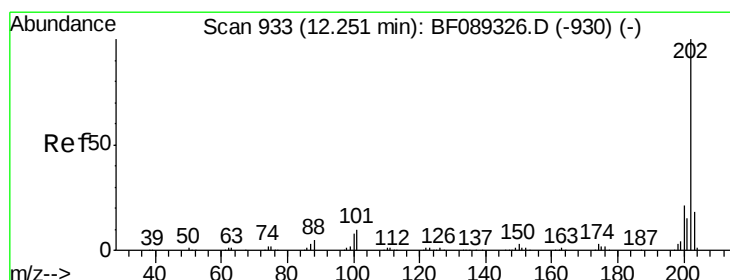
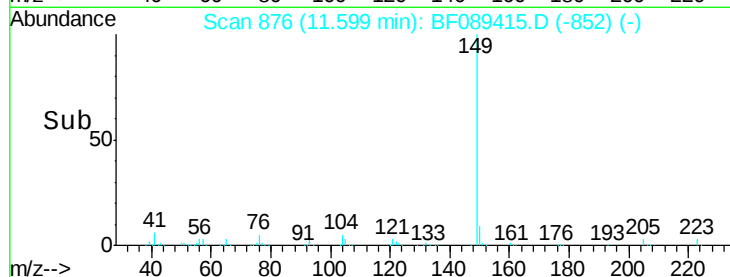
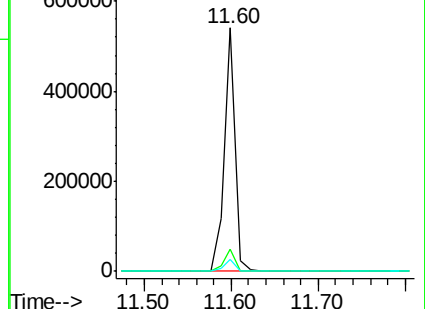
104 4.9 4.7 7.1



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: 38.50 ng

RT: 12.22 min Scan# 930

Delta R.T. -0.03 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

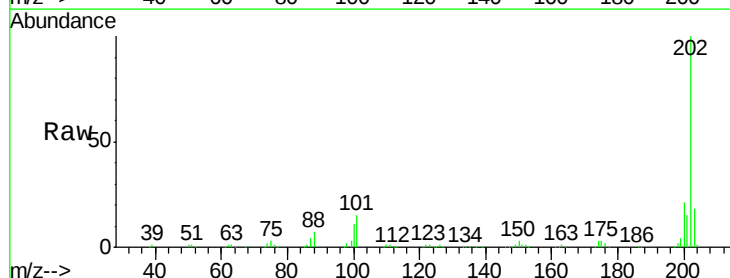
Tgt Ion:202 Resp: 374774

Ion Ratio Lower Upper

202 100

101 14.7 0.0 29.9

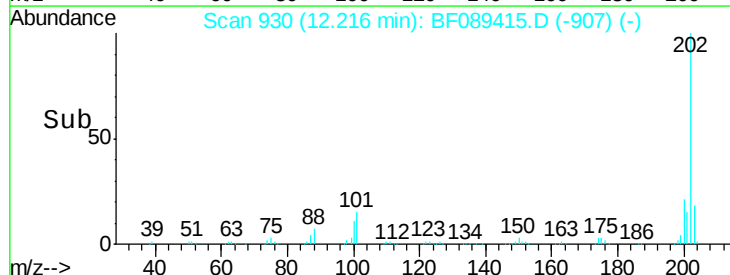
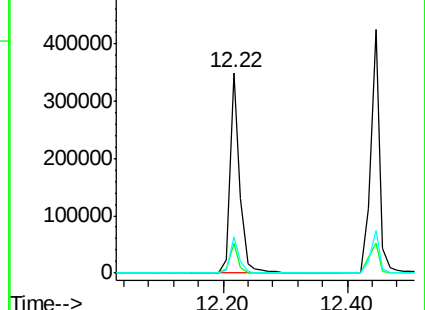
203 17.8 0.0 37.3

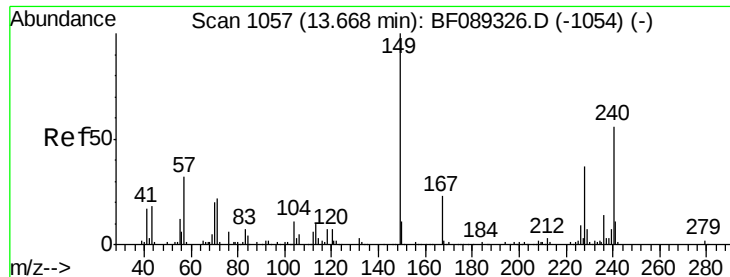


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.03 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

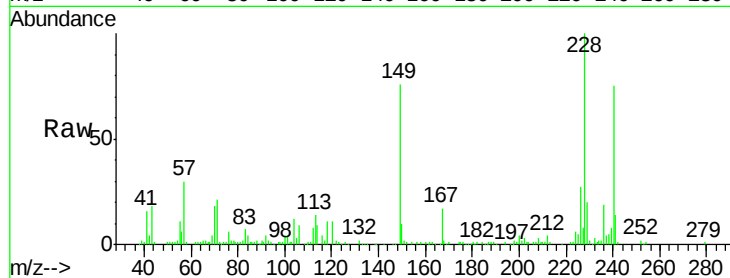
Tgt Ion:240 Resp: 118138

Ion Ratio Lower Upper

240 100

120 15.3 9.1 13.7#

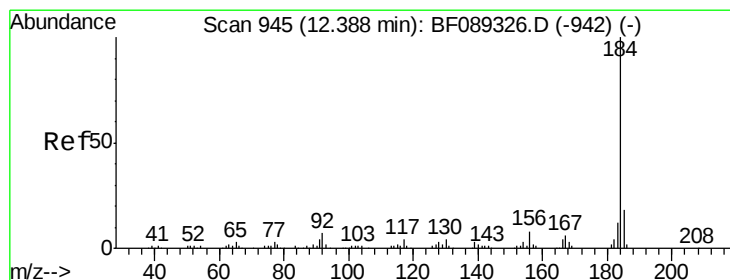
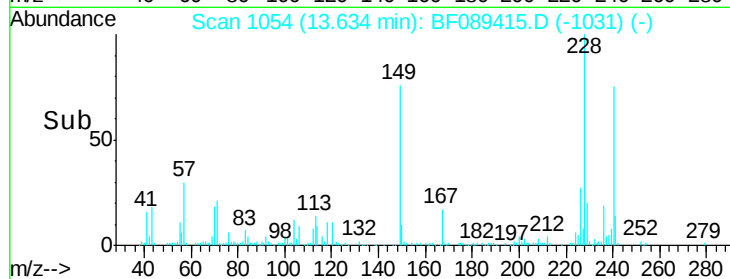
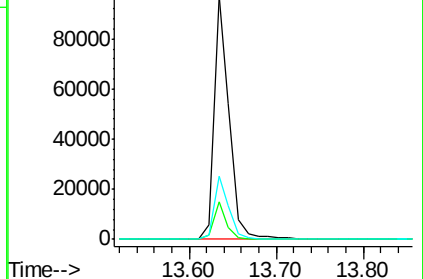
236 25.7 20.6 30.8



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: 34.60 ng

RT: 12.35 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

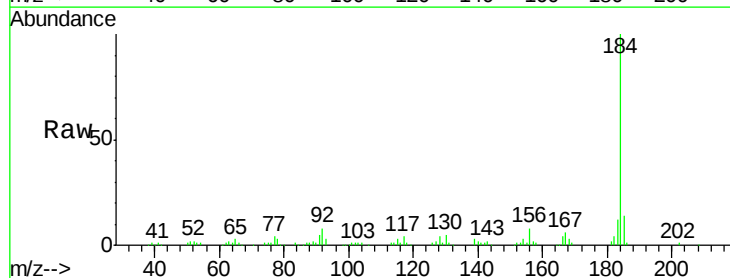
Tgt Ion:184 Resp: 151043

Ion Ratio Lower Upper

184 100

185 14.5 13.5 20.3

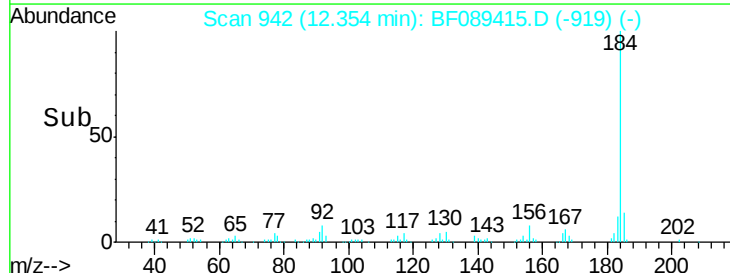
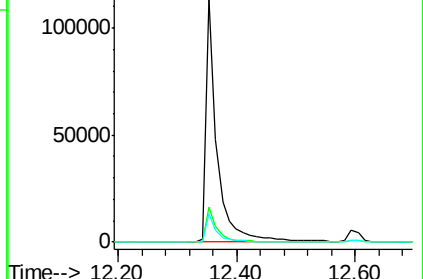
183 11.8 9.8 14.6

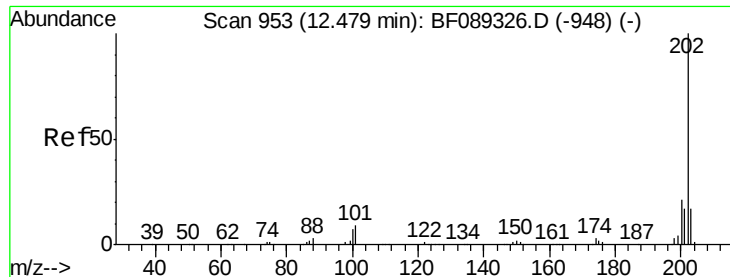


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

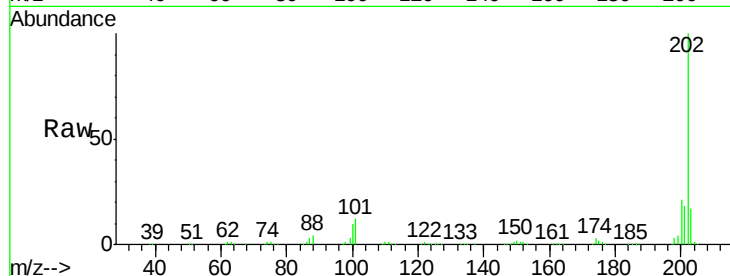




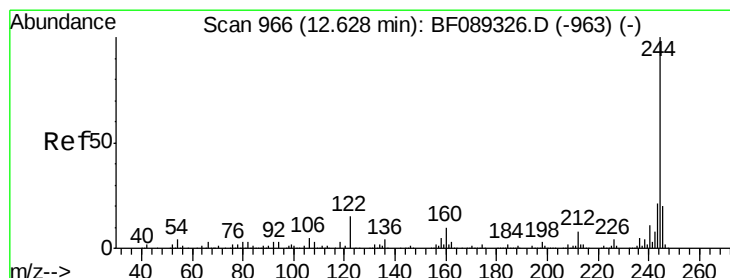
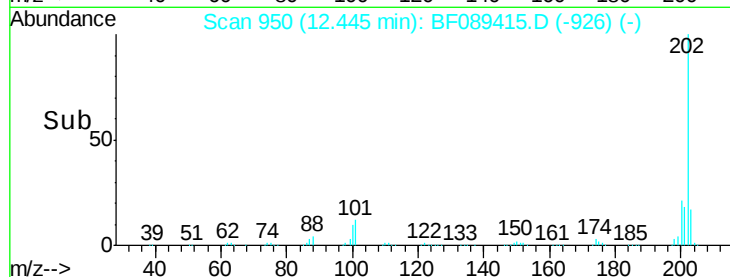
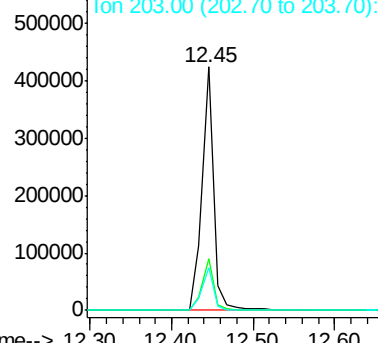
#77
Pyrene
 Concen: 46.24 ng
 RT: 12.45 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF089415.D
 Acq: 29 Jul 2016 18:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 202 Resp: 414032
 Ion Ratio Lower Upper
 202 100
 200 21.2 16.9 25.3
 203 17.3 14.0 21.0

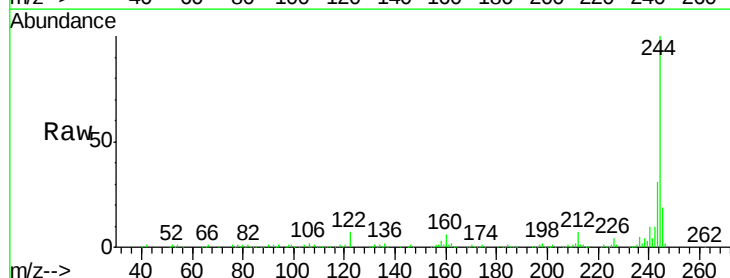


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

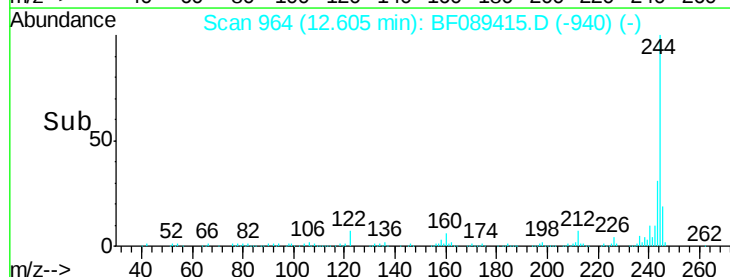
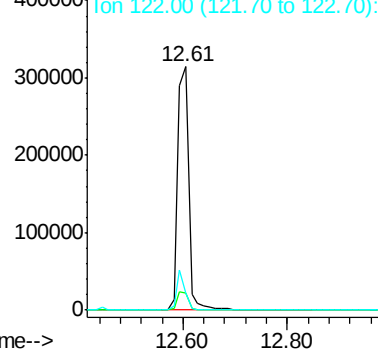


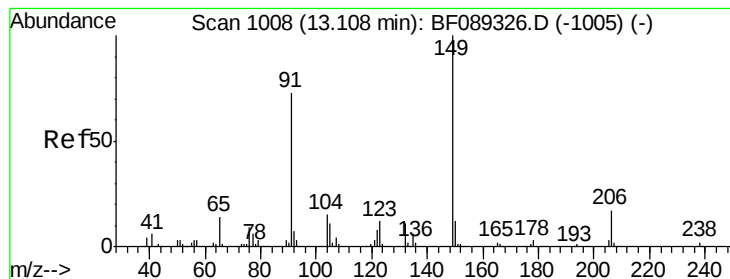
#78
Terphenyl-d14
 Concen: 91.01 ng
 RT: 12.61 min Scan# 964
 Delta R.T. -0.02 min
 Lab File: BF089415.D
 Acq: 29 Jul 2016 18:02

Tgt Ion: 244 Resp: 459368
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 7.1 11.4 17.0#



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





#79

Butylbenzylphthalate

Concen: 41.09 ng

RT: 13.07 min Scan# 1005

Delta R.T. -0.03 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

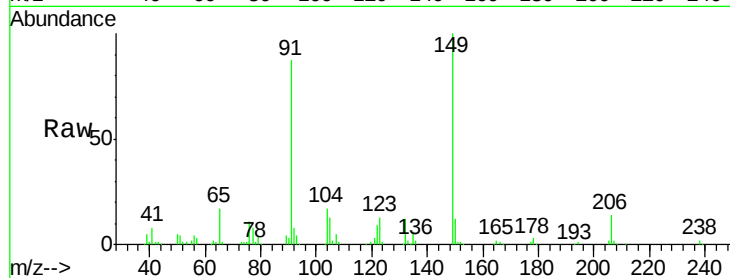
Tgt Ion:149 Resp: 167278

Ion Ratio Lower Upper

149 100

91 87.2 58.5 87.7

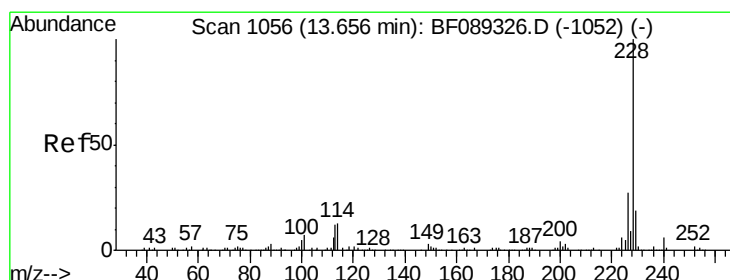
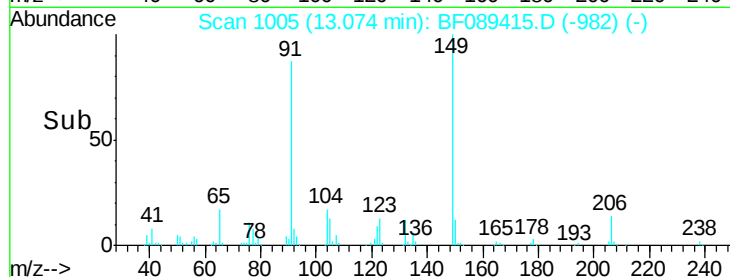
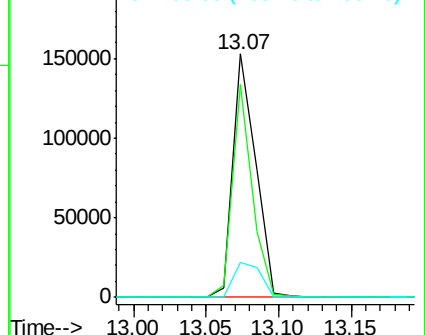
206 14.5 13.8 20.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.97 ng

RT: 13.62 min Scan# 1053

Delta R.T. -0.03 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

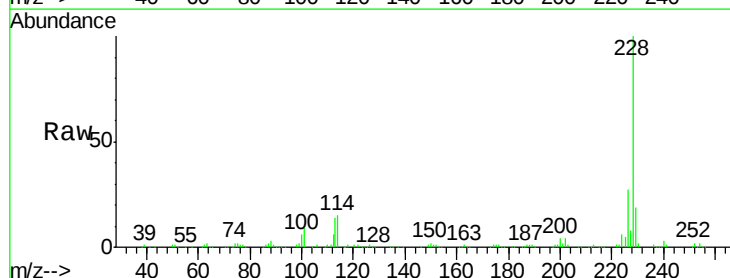
Tgt Ion:228 Resp: 266483

Ion Ratio Lower Upper

228 100

226 27.0 21.4 32.2

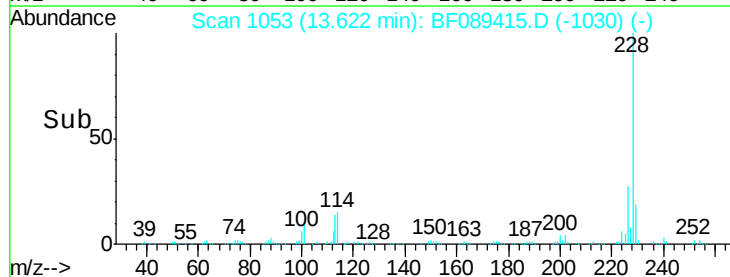
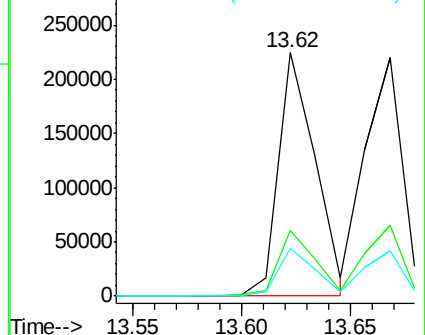
229 19.5 15.9 23.9

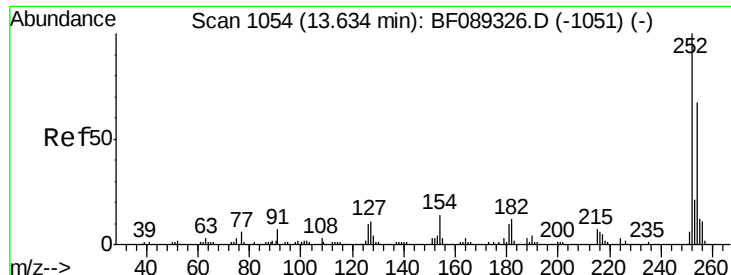


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

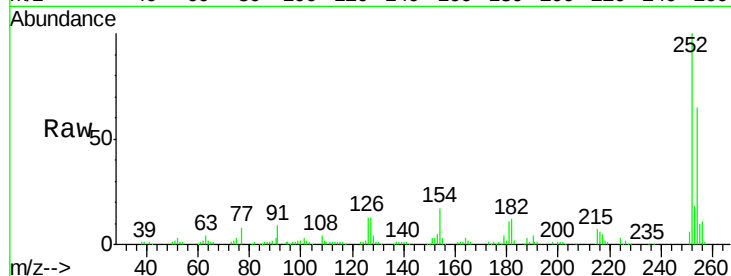




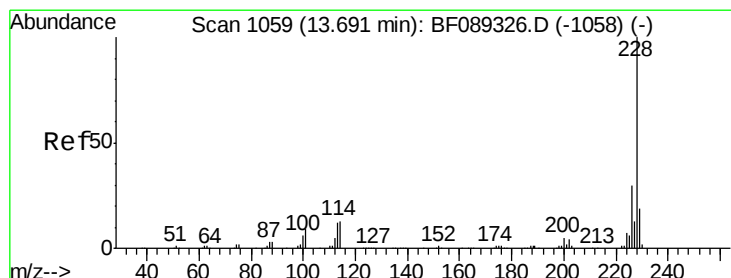
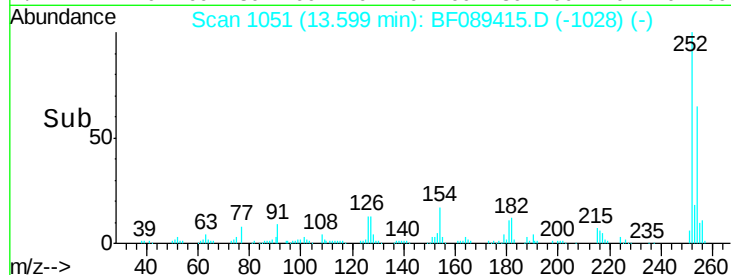
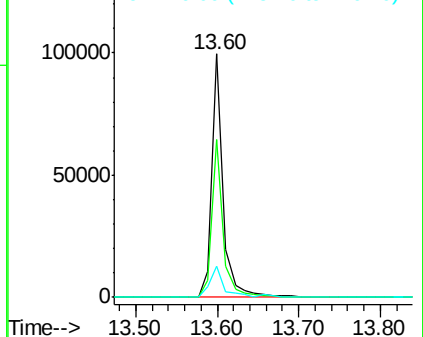
#81
 3,3'-Dichlorobenzidine
 Concen: 41.06 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BF089415.D
 Acq: 29 Jul 2016 18:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:252 Resp: 98509
 Ion Ratio Lower Upper
 252 100
 254 65.1 52.5 78.7
 126 12.6 7.4 11.2#

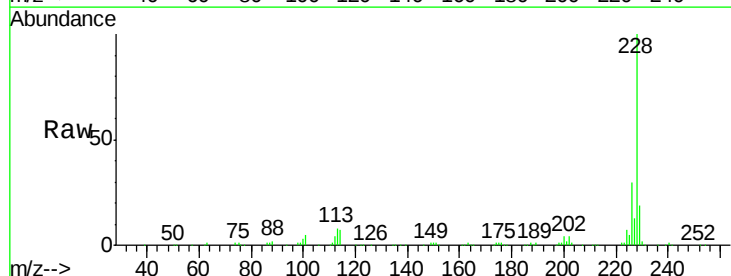


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

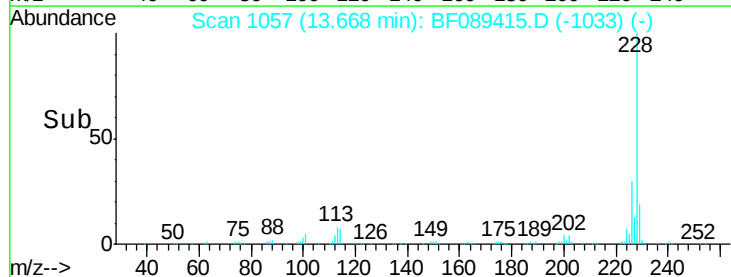
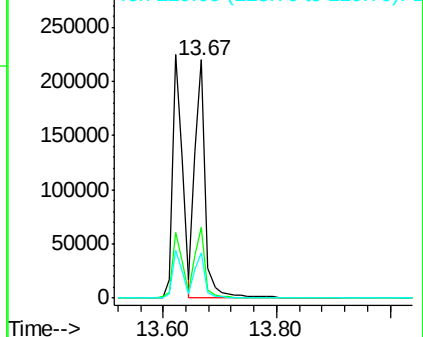


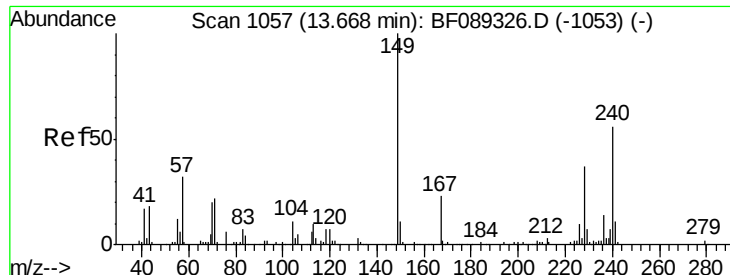
#82
 Chrysene
 Concen: 39.95 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.02 min
 Lab File: BF089415.D
 Acq: 29 Jul 2016 18:02

Tgt Ion:228 Resp: 283509
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.2 36.2
 229 19.2 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

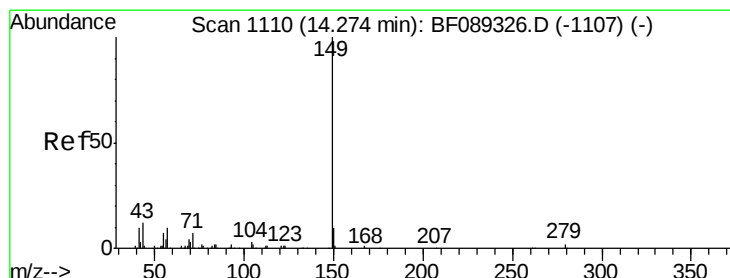
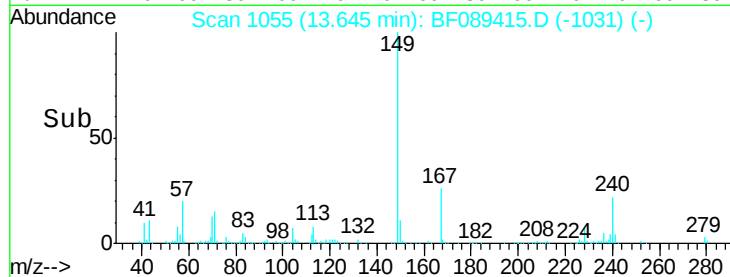
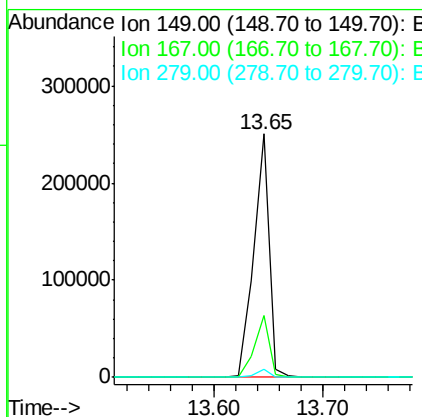
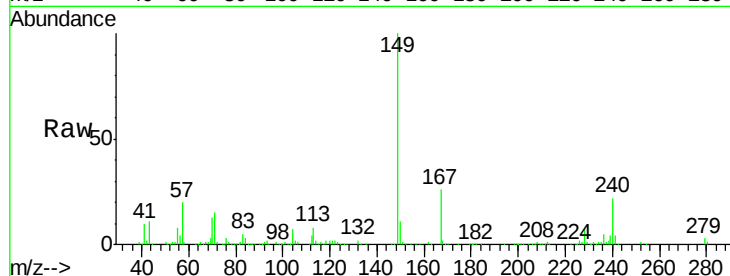




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.38 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BF089415.D
 Acq: 29 Jul 2016 18:02

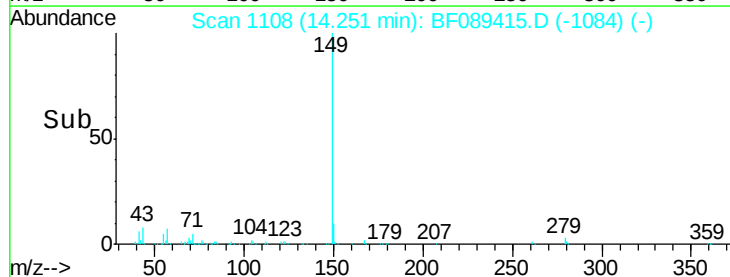
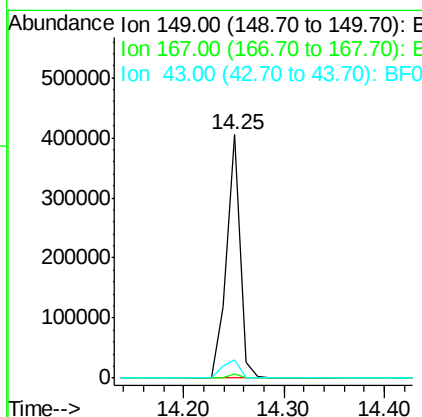
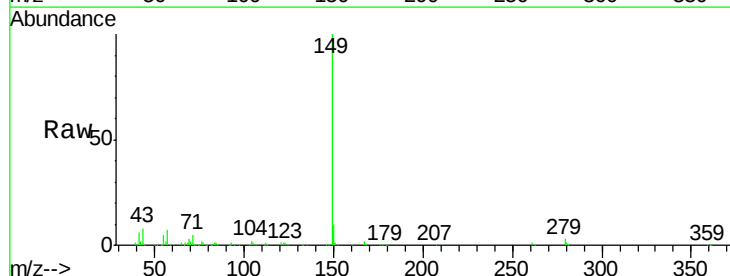
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

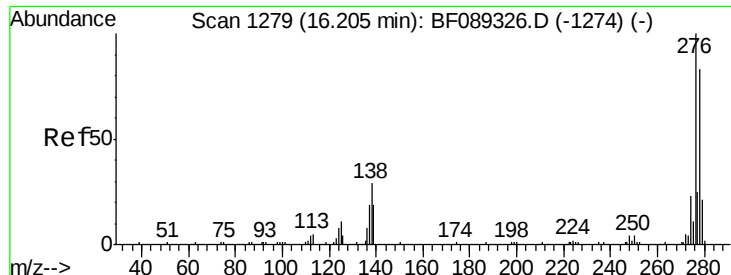
Tgt Ion:149 Resp: 249386
 Ion Ratio Lower Upper
 149 100
 167 25.5 18.8 28.2
 279 3.2 1.4 2.0#



#84
 Di-n-octyl phthalate
 Concen: 41.49 ng
 RT: 14.25 min Scan# 1108
 Delta R.T. -0.02 min
 Lab File: BF089415.D
 Acq: 29 Jul 2016 18:02

Tgt Ion:149 Resp: 381009
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 9.3 7.3 10.9

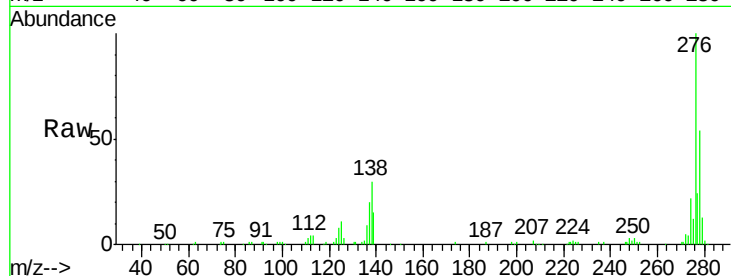




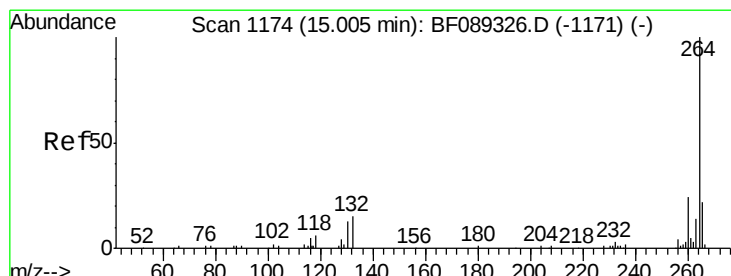
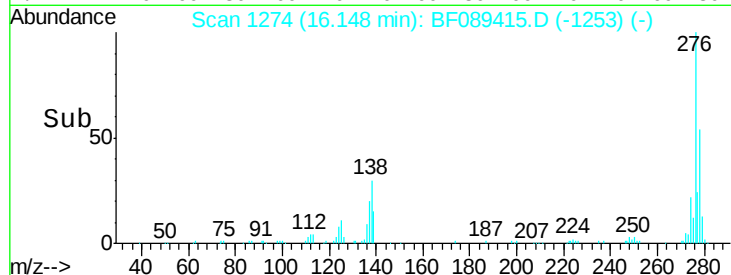
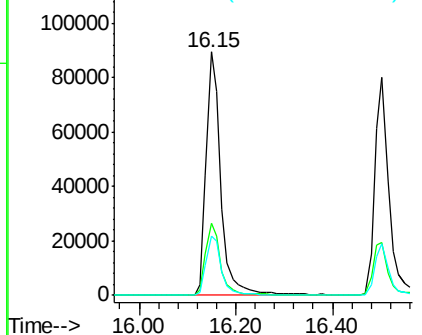
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.21 ng
 RT: 16.15 min Scan# 1274
 Delta R.T. -0.06 min
 Lab File: BF089415.D
 Acq: 29 Jul 2016 18:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.0	23.0	34.4
277	25.3	20.2	30.4

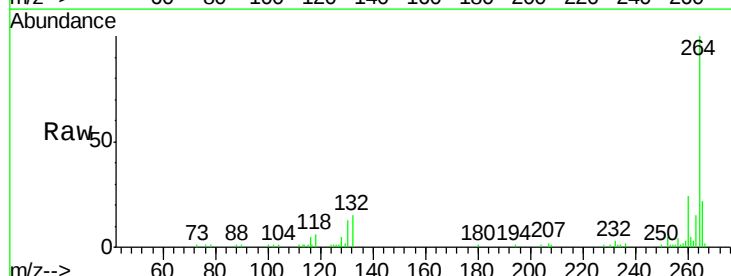


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

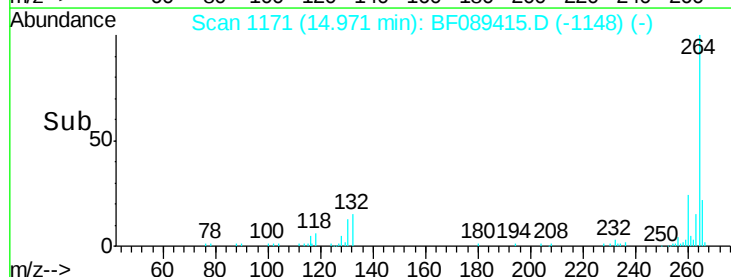
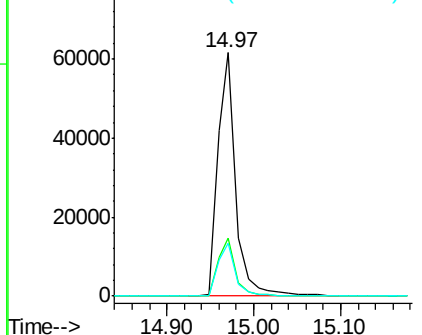


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.97 min Scan# 1171
 Delta R.T. -0.03 min
 Lab File: BF089415.D
 Acq: 29 Jul 2016 18:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	21.6	17.5	26.3



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: 80.02 ng

RT: 14.65 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

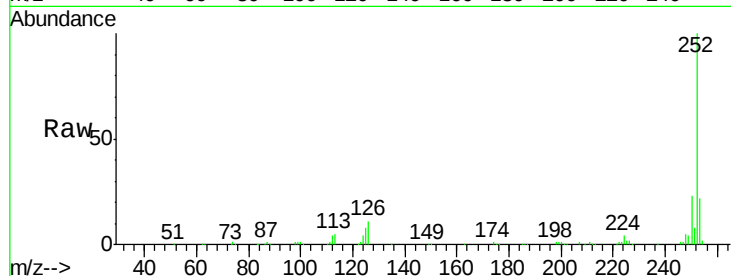
Tgt Ion:252 Resp: 442134

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

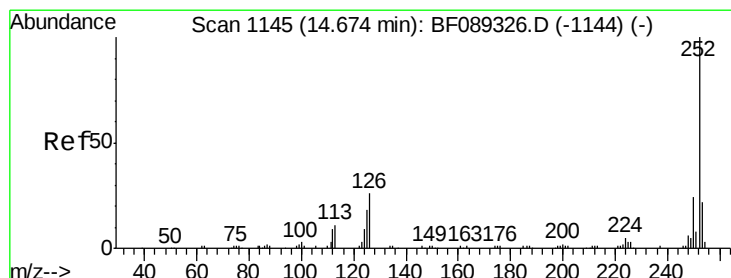
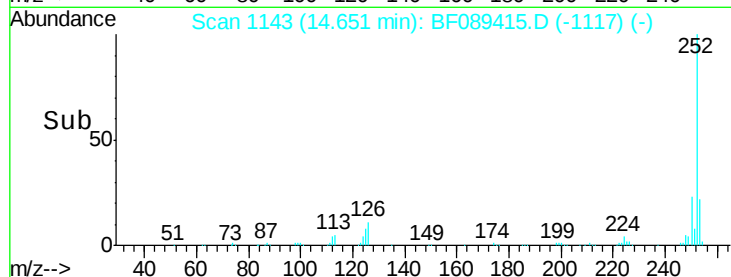
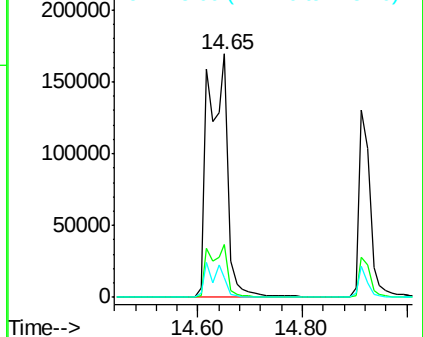
125 8.0 9.7 14.5#



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: 87.04 ng

RT: 14.65 min Scan# 1143

Delta R.T. -0.02 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

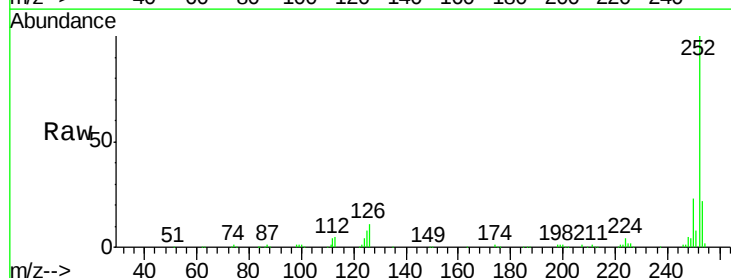
Tgt Ion:252 Resp: 442134

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

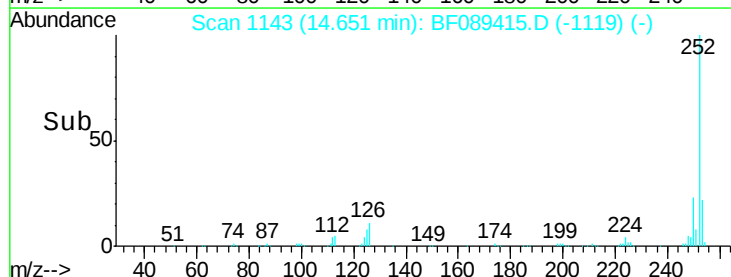
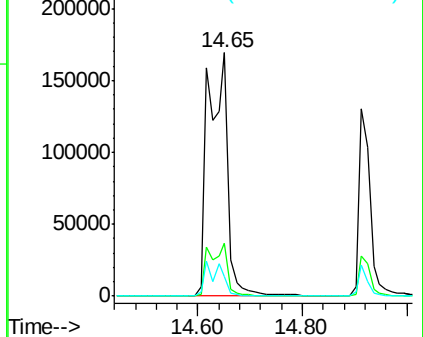
125 8.0 10.7 16.1#

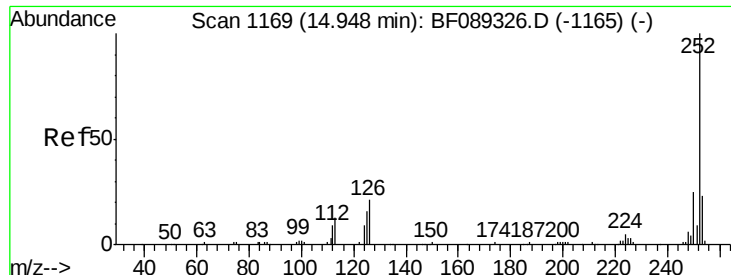


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.27 ng

RT: 14.91 min Scan# 1166

Delta R.T. -0.03 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

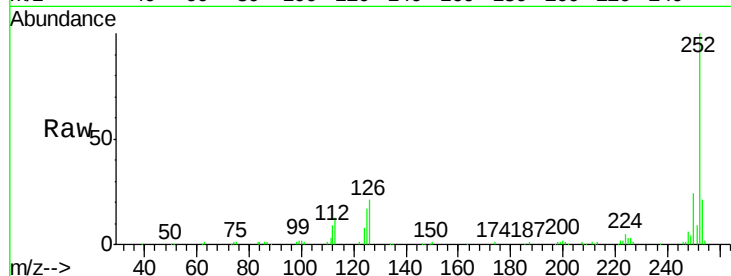
Tgt Ion: 252 Resp: 194629

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

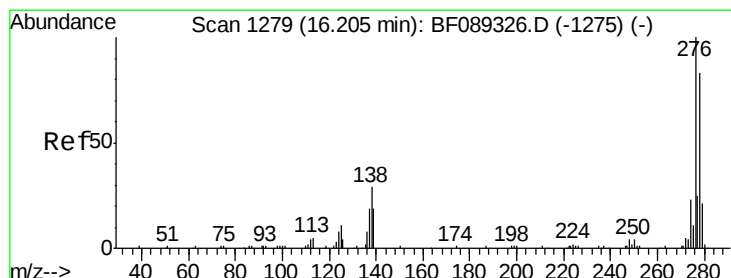
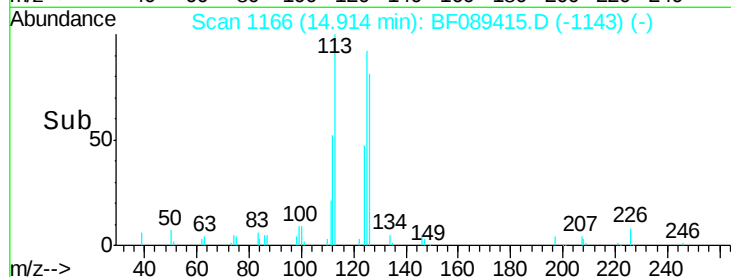
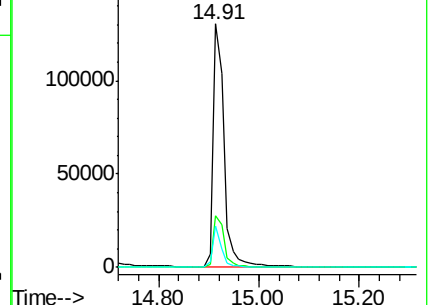
125 16.8 12.4 18.6



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



#90

Dibenzo(a,h)anthracene

Concen: 42.91 ng

RT: 16.16 min Scan# 1275

Delta R.T. -0.05 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

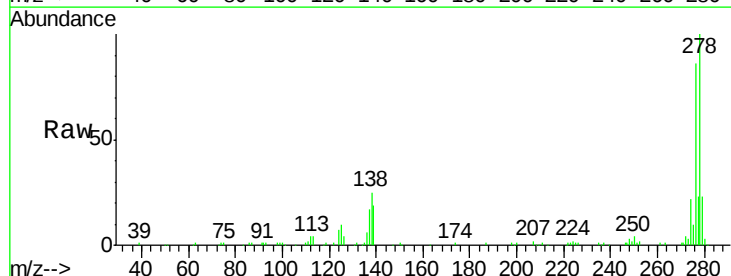
Tgt Ion: 278 Resp: 167524

Ion Ratio Lower Upper

278 100

139 18.7 16.3 24.5

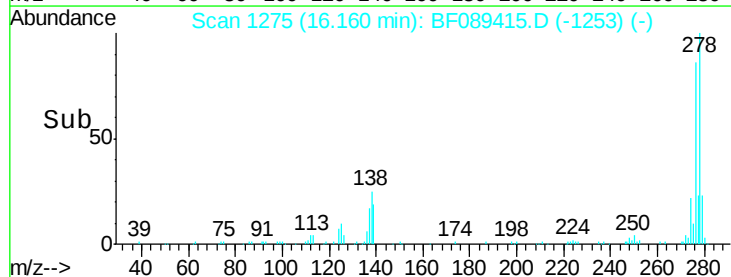
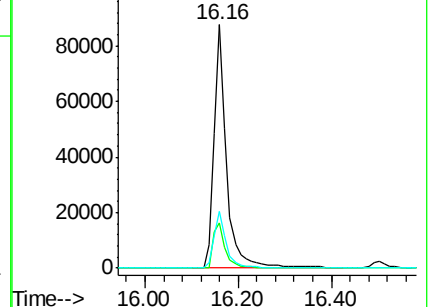
279 23.0 19.1 28.7

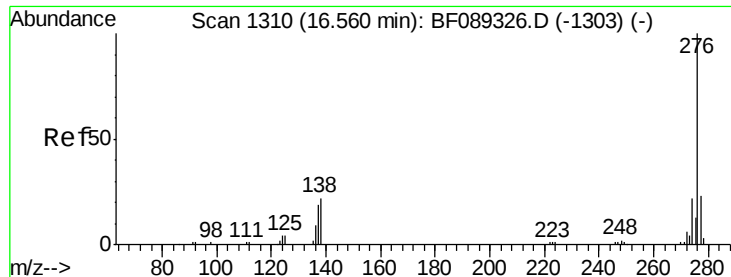


Abundance Ion 278.00 (277.70 to 278.70): E

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: 43.78 ng

RT: 16.50 min Scan# 1305

Delta R.T. -0.05 min

Lab File: BF089415.D

Acq: 29 Jul 2016 18:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

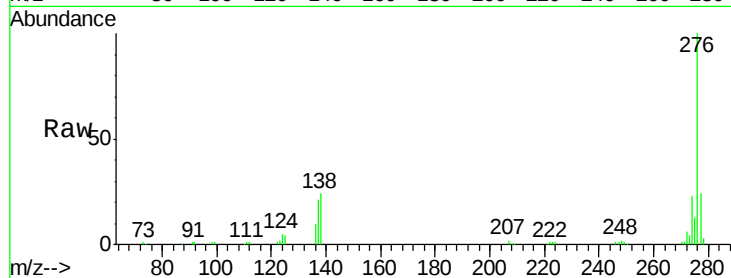
Tgt Ion: 276 Resp: 168026

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 24.3 21.4 32.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

