

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
 Data File : BF089810.D
 Acq On : 19 Aug 2016 21:47
 Operator : UM/SJ
 Sample : H4555-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-081916

Quant Time: Aug 22 01:21:24 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	569250	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	2076020	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	959468	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	1577017	20.00	ng	0.00
75) Chrysene-d12	13.83	240	1112739	20.00	ng	-0.05
86) Perylene-d12	15.26	264	1189752	20.00	ng	-0.11

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	1342745	40.45	ng	0.03
7) Phenol-d6	6.34	99	931298	22.86	ng	0.02
23) Nitrobenzene-d5	7.26	82	2842943	85.08	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	706456	77.48	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	4294357	78.66	ng	0.00
78) Terphenyl-d14	12.78	244	2631377	53.50	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.25	88	38222	2.33	ng	# 87
3) Pyridine	2.73	79	1043	0.02	ng	# 1
4) n-Nitrosodimethylamine	2.76	42	1283	0.08	ng	# 1
6) Aniline	6.35	93	6368334	116.51	ng	100
8) 2-Chlorophenol	6.47	128	686909	17.30	ng	86
9) Benzaldehyde	6.46	77	46003	1.73	ng	89
10) Phenol	6.35	94	522310	10.94	ng	# 1
11) bis(2-Chloroethyl)ether	6.35	93	6368334	171.97	ng	# 25
12) 1,3-Dichlorobenzene	6.71	146	4071426	98.11	ng	95
13) 1,4-Dichlorobenzene	6.71	146	4071426	95.44	ng	96
14) 1,2-Dichlorobenzene	6.63	146	461183	11.58	ng	100
15) Benzyl Alcohol	6.84	79	44695	1.65	ng	# 54
16) 2,2'-oxybis(1-Chloropropan	6.97	45	2565	0.05	ng	# 1
17) 2-Methylphenol	6.87	107	41668	1.34	ng	# 81
18) Hexachloroethane	7.26	117	33581	2.21	ng	# 5
19) n-Nitroso-di-n-propylamine	7.26	70	373693	14.34	ng	# 69
20) 3+4-Methylphenols	7.08	107	221985	5.82	ng	# 22
22) Acetophenone	7.10	105	24126	0.51	ng	# 96
24) Nitrobenzene	7.39	77	8422184	224.64	ng	# 42
25) Isophorone	7.26	82	2590021	38.43	ng	# 68
26) 2-Nitrophenol	7.59	139	1364	0.07	ng	# 1
27) 2,4-Dimethylphenol	7.40	122	2180	0.06	ng	86
28) bis(2-Chloroethoxy)methane	7.72	93	2739	0.07	ng	# 1
29) 2,4-Dichlorophenol	7.84	162	15562	0.55	ng	98
30) 1,2,4-Trichlorobenzene	7.91	180	18269	0.58	ng	96
31) Naphthalene	7.99	128	148761	1.53	ng	98
32) Benzoic acid	7.77	122	4970	0.19	ng	# 26
33) 4-Chloroaniline	8.02	127	178577	4.25	ng	# 86
34) Hexachlorobutadiene	8.12	225	250	0.02	ng	# 19
35) Caprolactam	8.40	113	4853	0.56	ng	# 43
36) 4-Chloro-3-methylphenol	8.42	107	50803	1.66	ng	95
37) 2-Methylnaphthalene	8.65	142	78010	1.24	ng	# 1
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	647	0.02	ng	# 1
42) 2,4,6-Trichlorophenol	8.78	196	18516	0.95	ng	# 85

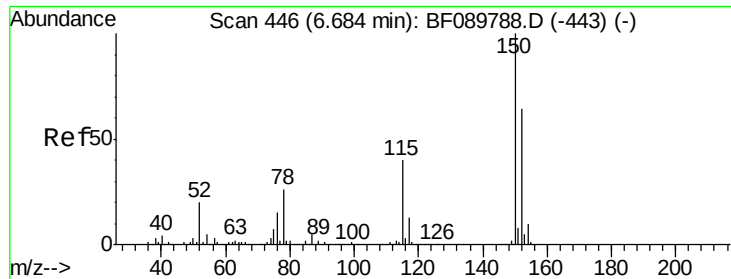
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.16	196	100227	5.16	ng	# 73
45) 1,1'-Biphenyl	9.14	154	7010	0.09	ng	83
46) 2-Chloronaphthalene	9.19	162	7005	0.12	ng	# 86
47) 2-Nitroaniline	9.27	65	40881	2.44	ng	# 14
48) Acenaphthylene	9.58	152	4296	0.05	ng	# 75
49) Dimethylphthalate	9.44	163	222079	3.29	ng	99
50) 2,6-Dinitrotoluene	9.61	165	4687	0.30	ng	# 85
51) Acenaphthene	9.75	154	11825	0.20	ng	98
52) 3-Nitroaniline	9.66	138	781	0.05	ng	# 57
53) 2,4-Dinitrophenol	9.77	184	2840	2.67	ng	# 39
54) Dibenzofuran	9.92	168	6062	0.08	ng	# 76
55) 4-Nitrophenol	9.84	139	2048	0.15	ng	# 1
56) 2,4-Dinitrotoluene	10.00	165	7320	0.36	ng	# 79
57) Fluorene	10.26	166	6922	0.12	ng	# 86
58) 2,3,4,6-Tetrachlorophenol	10.03	232	759	0.05	ng	# 1
59) Diethylphthalate	10.15	149	16880	0.25	ng	# 81
60) 4-Chlorophenyl-phenylether	10.26	204	1321	0.05	ng	# 39
61) 4-Nitroaniline	10.41	138	3561	0.22	ng	75
62) Azobenzene	10.42	77	36620	0.57	ng	# 69
64) 4,6-Dinitro-2-methylphenol	10.34	198	266	0.03	ng	# 1
65) n-Nitrosodiphenylamine	10.38	169	6539	0.13	ng	91
66) 4-Bromophenyl-phenylether	10.50	248	42652	2.58	ng	# 1
67) Hexachlorobenzene	10.80	284	833	0.04	ng	# 1
68) Atrazine	10.91	200	968	0.06	ng	# 1
69) Pentachlorophenol	10.99	266	1518	0.14	ng	92
70) Phenanthrene	11.21	178	6851	0.09	ng	# 69
71) Anthracene	11.27	178	8259	0.10	ng	# 81
72) Carbazole	11.42	167	10471	0.14	ng	# 73
73) Di-n-butylphthalate	11.77	149	22663	0.25	ng	# 79
74) Fluoranthene	12.39	202	3412	0.05	ng	# 39
76) Benzidine	12.54	184	1356	0.04	ng	# 1
77) Pyrene	12.62	202	3871	0.04	ng	# 59
79) Butylbenzylphthalate	13.26	149	3780	0.09	ng	# 48
80) Benzo(a)anthracene	13.82	228	8288	0.13	ng	# 79
81) 3,3'-Dichlorobenzidine	13.78	252	2710	0.13	ng	# 1
82) Chrysene	13.82	228	8230	0.15	ng	# 77
83) Bis(2-ethylhexyl)phthalate	13.84	149	10265	0.18	ng	# 91
84) Di-n-octyl phthalate	14.48	149	10650	0.14	ng	# 75
85) Indeno(1,2,3-cd)pyrene	16.53	276	2785	0.04	ng	# 1
87) Benzo(b)fluoranthene	14.87	252	6562	0.10	ng	# 1
88) Benzo(k)fluoranthene	14.87	252	6562	0.11	ng	# 1
89) Benzo(a)pyrene	15.19	252	2605	0.04	ng	# 1
90) Dibenzo(a,h)anthracene	16.55	278	5109	0.08	ng	# 1
91) Benzo(g,h,i)perylene	16.89	276	5164	0.07	ng	# 27

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

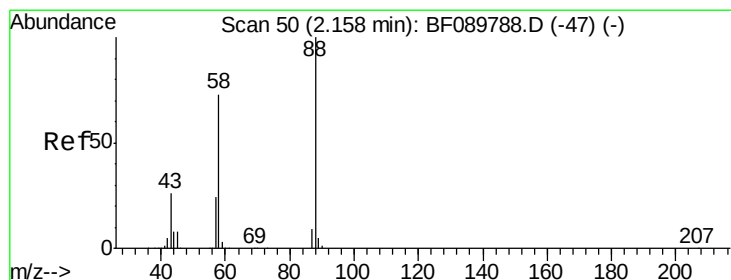
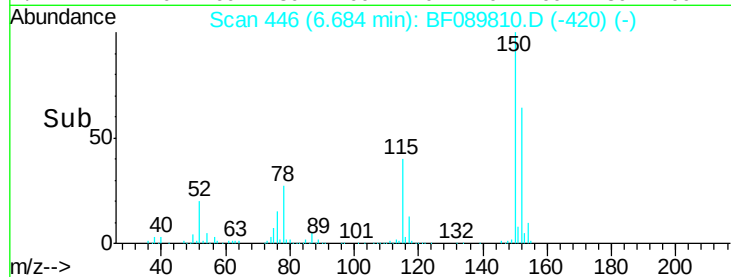
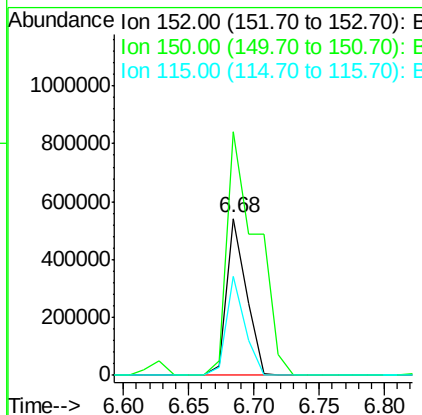
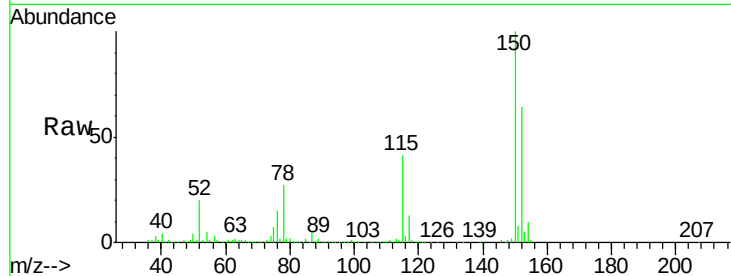


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.00 min
 Lab File: BF089810.D
 Acq: 19 Aug 2016 21:47

Instrument :
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 SYSDIS-081916

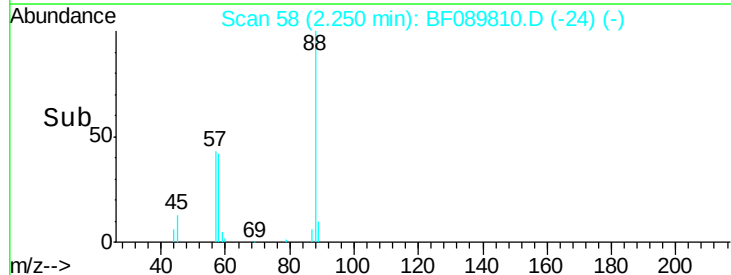
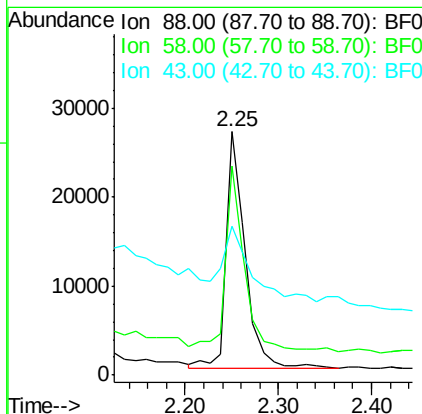
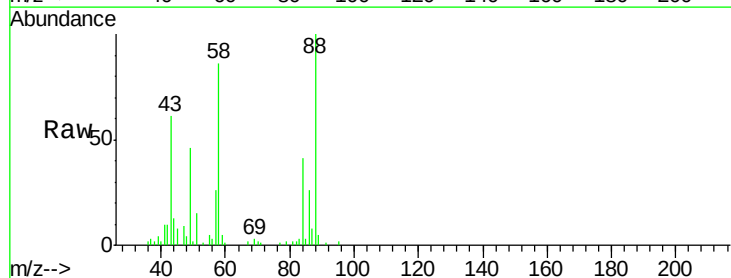
Tgt Ion: 152 Resp: 569250
 Ion Ratio Lower Upper
 152 100
 150 155.1 125.3 187.9
 115 63.0 40.9 61.3#

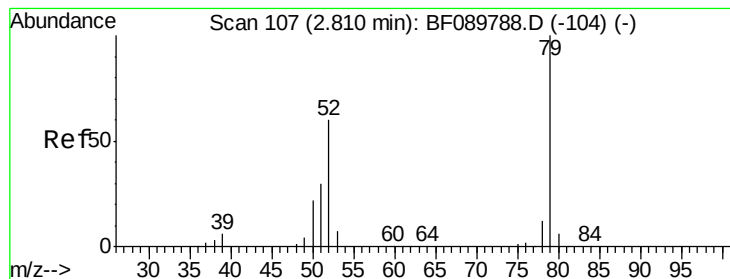


#2

1,4-Dioxane
 Concen: 2.33 ng
 RT: 2.25 min Scan# 58
 Delta R.T. 0.09 min
 Lab File: BF089810.D
 Acq: 19 Aug 2016 21:47

Tgt Ion: 88 Resp: 38222
 Ion Ratio Lower Upper
 88 100
 58 74.2 57.0 85.4
 43 46.8 21.8 32.8#





#3

Pyridine

Concen: 0.02 ng

RT: 2.73 min Scan# 100

Delta R.T. -0.08 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

Instrument :

BNA_F

ClientSampleId :

SYSDIS-081916

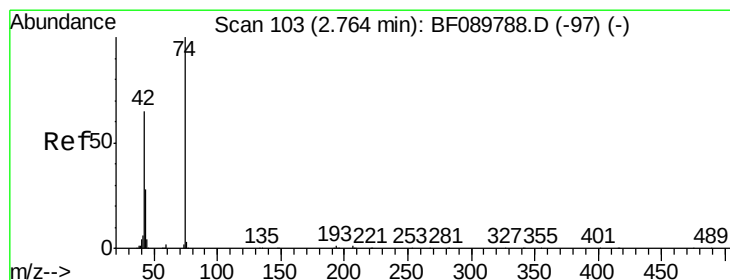
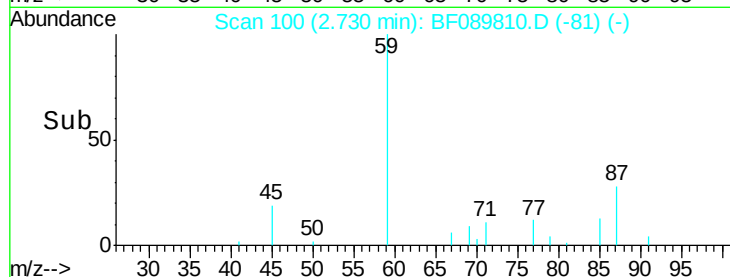
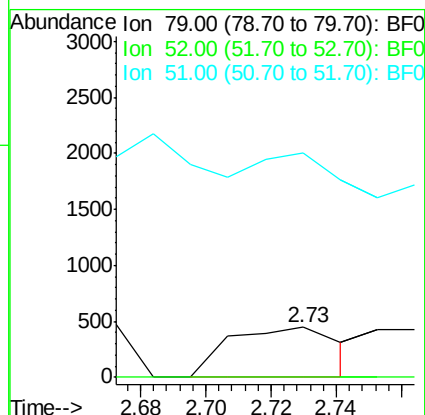
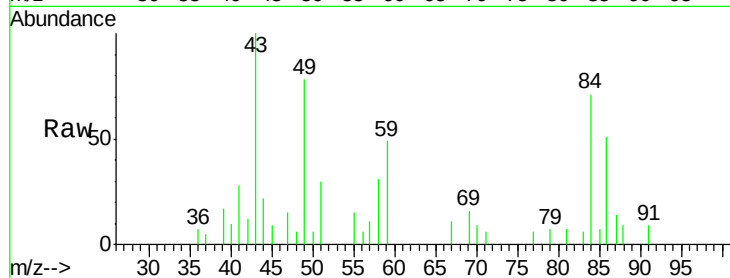
Tgt Ion: 79 Resp: 1043

Ion Ratio Lower Upper

79 100

52 0.0 53.6 80.4#

51 445.7 26.6 39.8#



#4

n-Nitrosodimethylamine

Concen: 0.08 ng

RT: 2.76 min Scan# 103

Delta R.T. -0.00 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

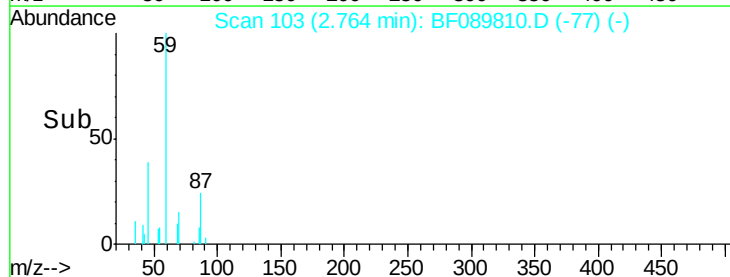
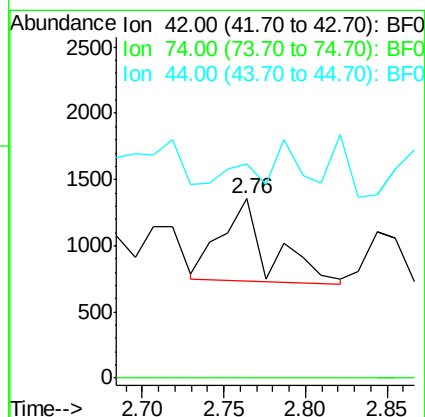
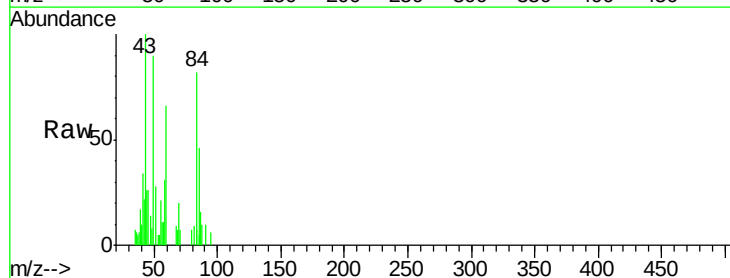
Tgt Ion: 42 Resp: 1283

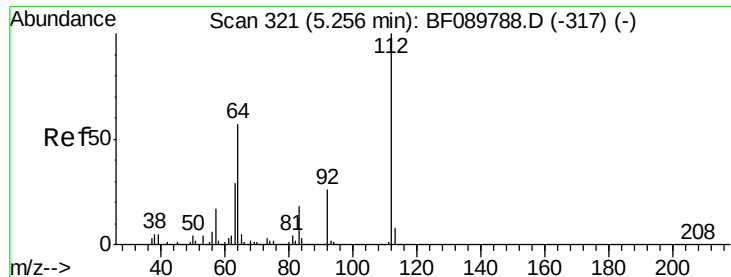
Ion Ratio Lower Upper

42 100

74 0.0 106.2 159.2#

44 119.4 6.9 10.3#





#5

2-Fluorophenol

Concen: 40.45 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.03 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

Instrument :

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ClientSampleId :

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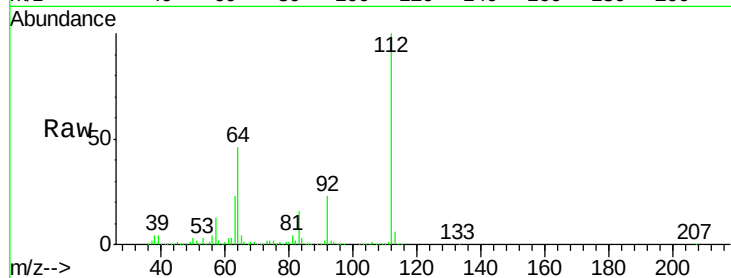
Tgt Ion:112 Resp: 1342745

Ion Ratio Lower Upper

112 100

64 46.3 45.0 67.4

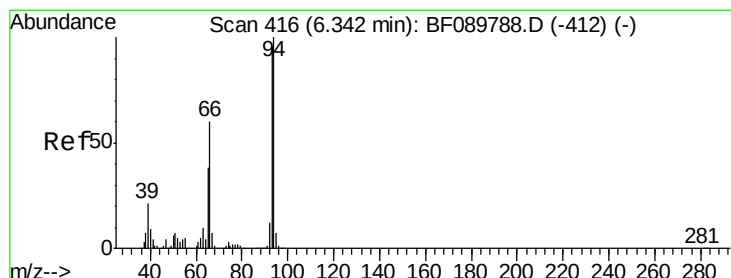
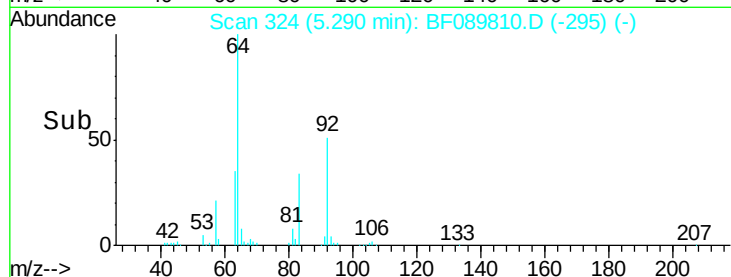
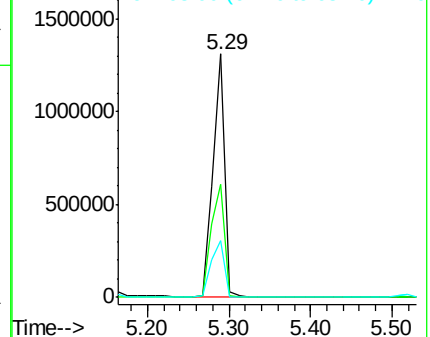
63 23.3 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 116.51 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.01 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

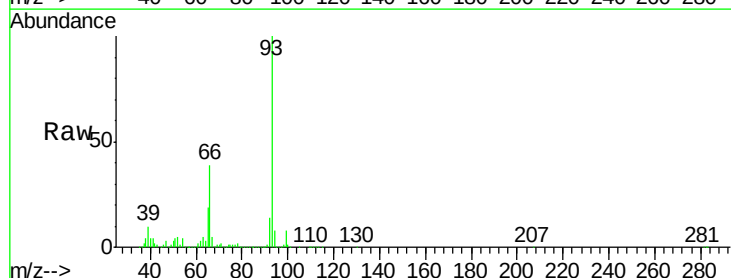
Tgt Ion: 93 Resp: 6368334

Ion Ratio Lower Upper

93 100

66 38.7 30.6 46.0

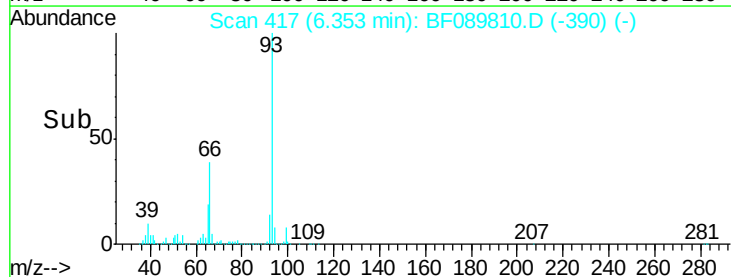
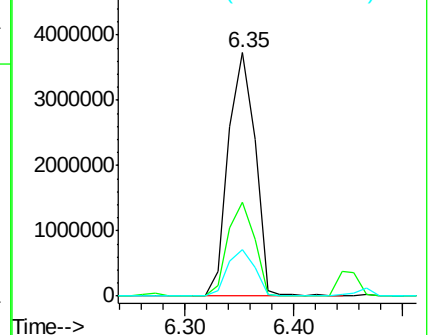
65 19.4 15.4 23.2

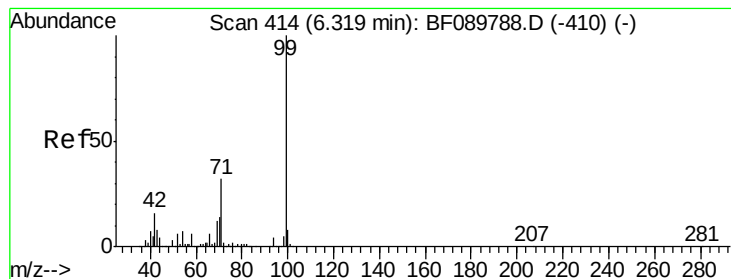


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 22.86 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.02 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

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ClientSampleId :

SYSDIS-081916

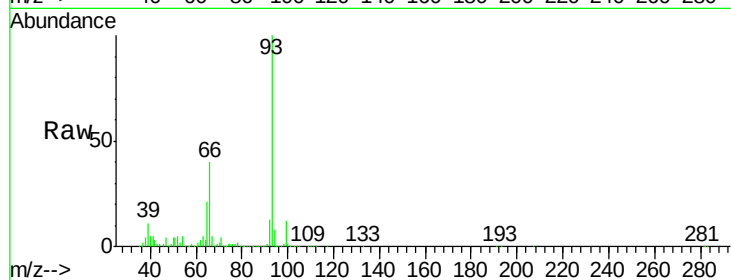
Tgt Ion: 99 Resp: 931298

Ion Ratio Lower Upper

99 100

42 23.2 12.2 18.4#

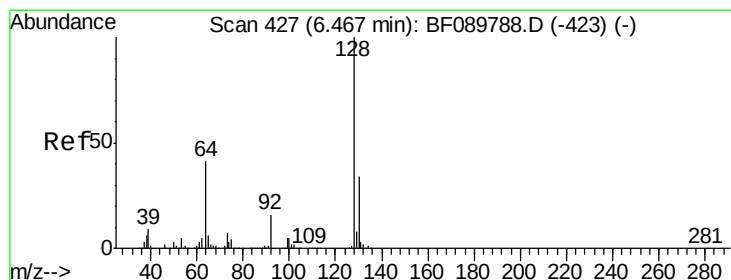
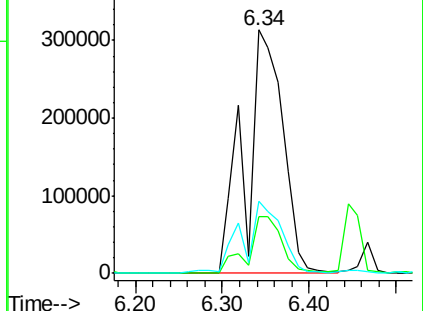
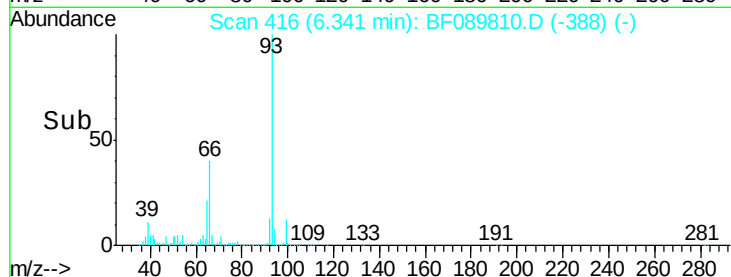
71 29.4 23.8 35.8



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: 17.30 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

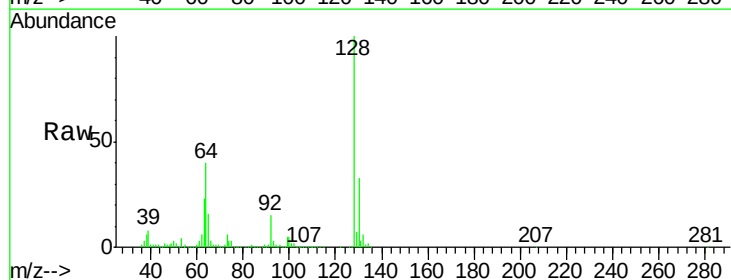
Tgt Ion: 128 Resp: 686909

Ion Ratio Lower Upper

128 100

130 33.0 12.0 52.0

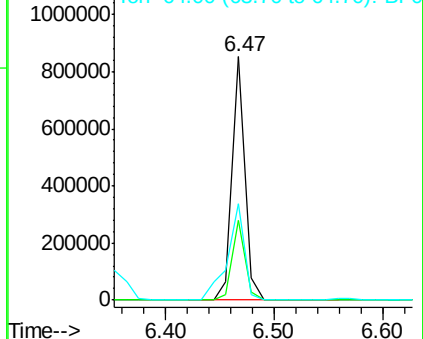
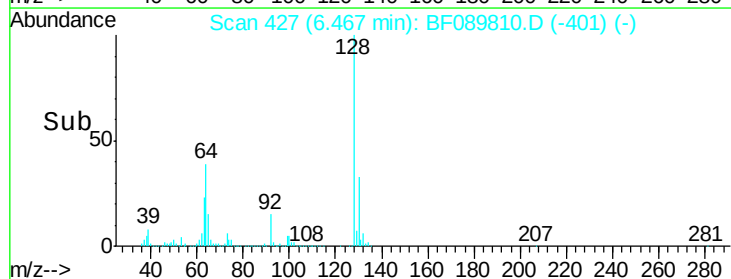
64 39.7 35.1 75.1

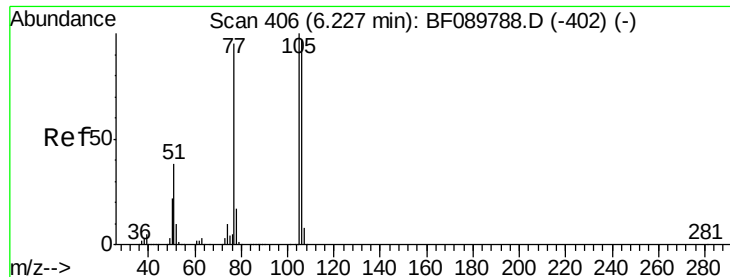


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 1.73 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.23 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

Instrument :

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ClientSampleId :

SYSDIS-081916

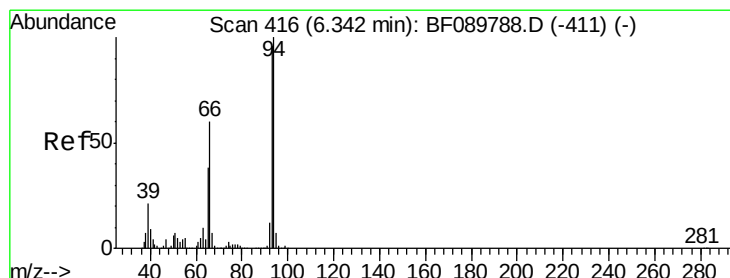
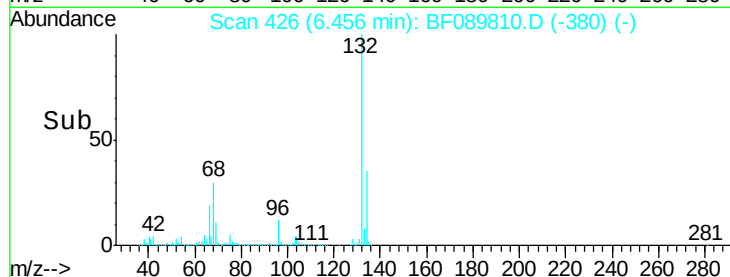
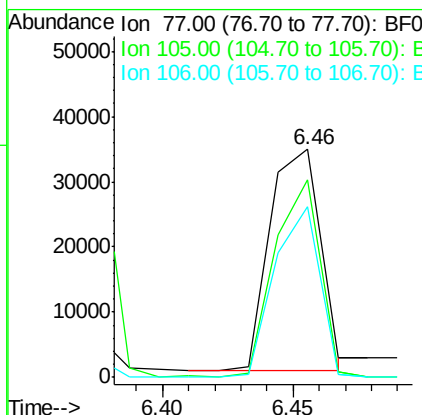
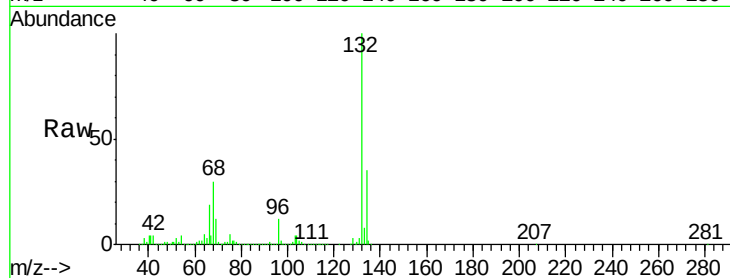
Tgt Ion: 77 Resp: 46003

Ion Ratio Lower Upper

77 100

105 87.0 73.3 113.3

106 74.7 68.6 108.6



#10

Phenol

Concen: 10.94 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.01 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

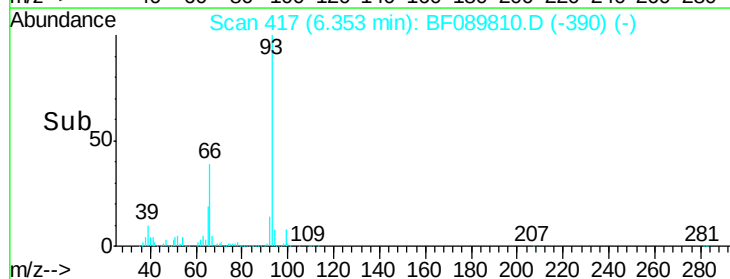
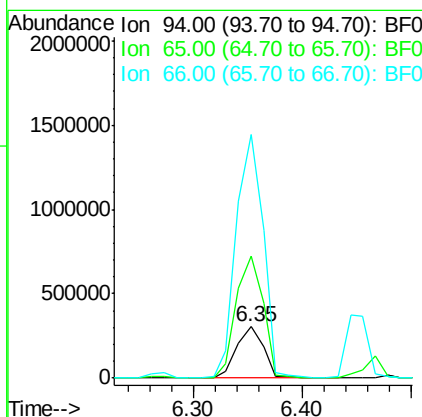
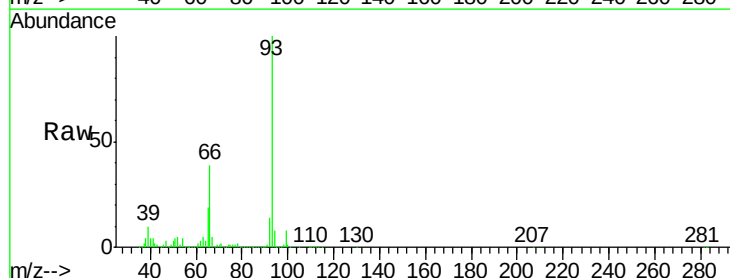
Tgt Ion: 94 Resp: 522310

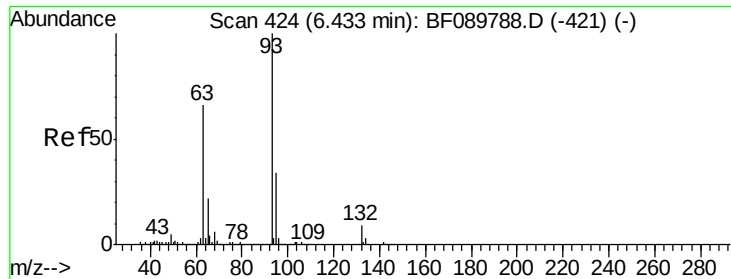
Ion Ratio Lower Upper

94 100

65 237.1 14.0 54.0#

66 473.9 31.2 71.2#

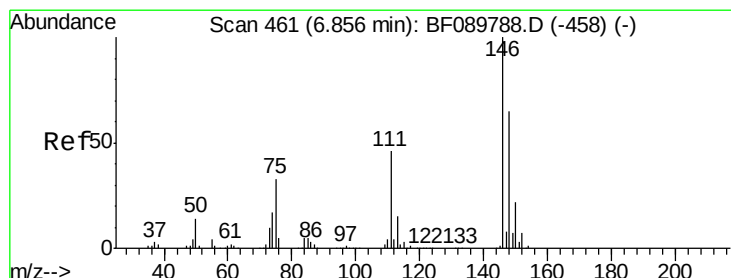
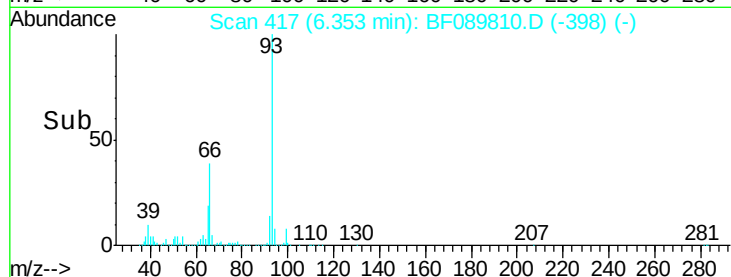
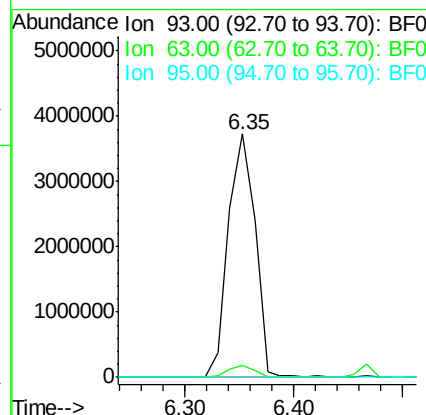
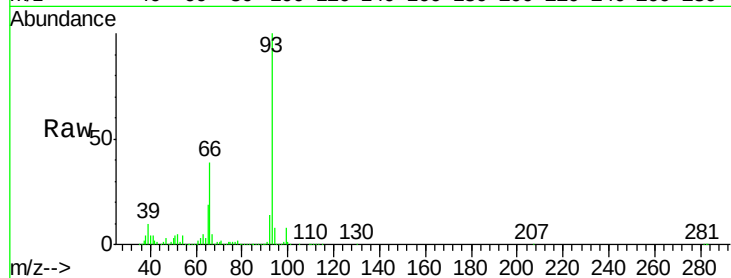




#11
 bis(2-Chloroethyl)ether
 Concen: 171.97 ng
 RT: 6.35 min Scan# 417
 Delta R.T. -0.08 min
 Lab File: BF089810.D
 Acq: 19 Aug 2016 21:47

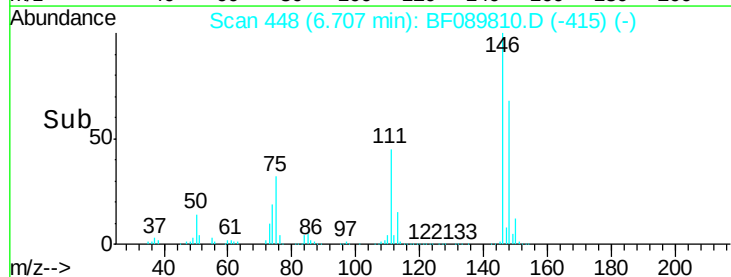
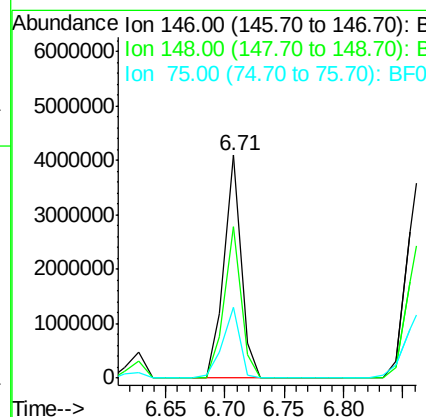
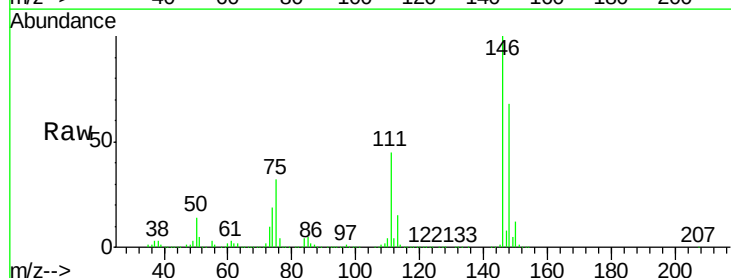
Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-081916

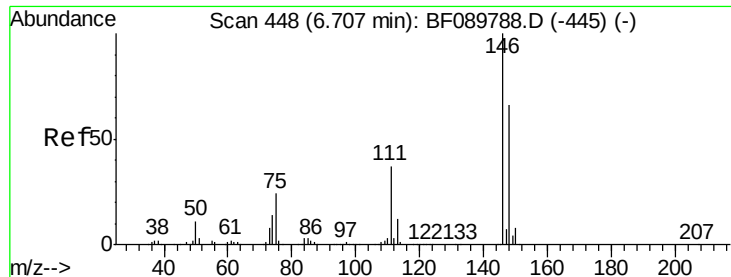
Tgt Ion: 93 Resp: 6368334
 Ion Ratio Lower Upper
 93 100
 63 4.9 55.8 95.8#
 95 0.3 13.0 53.0#



#12
 1,3-Dichlorobenzene
 Concen: 98.11 ng
 RT: 6.71 min Scan# 448
 Delta R.T. 0.08 min
 Lab File: BF089810.D
 Acq: 19 Aug 2016 21:47

Tgt Ion: 146 Resp: 4071426
 Ion Ratio Lower Upper
 146 100
 148 67.9 51.0 76.4
 75 31.7 27.0 40.6

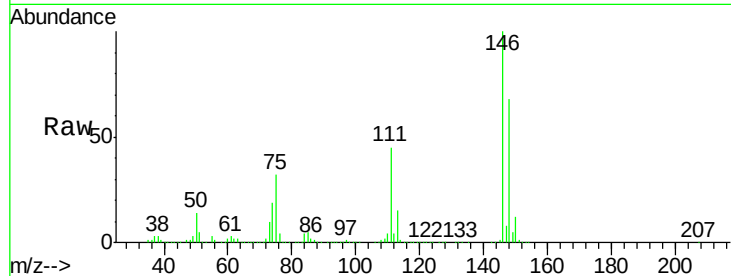




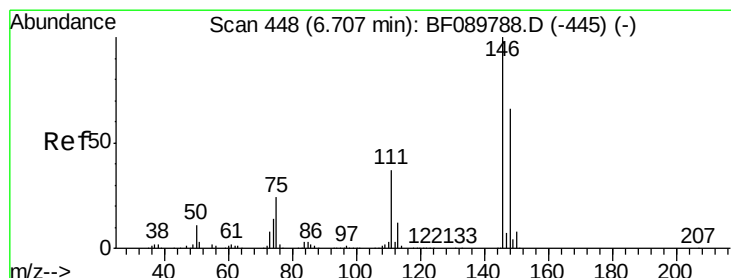
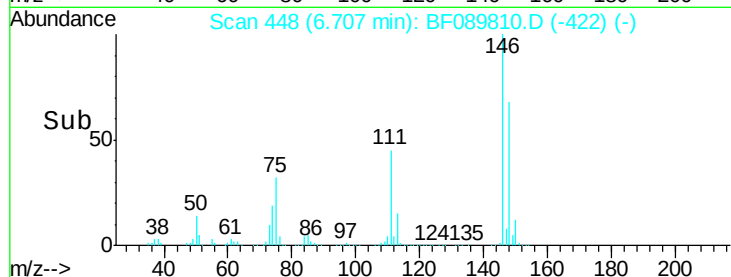
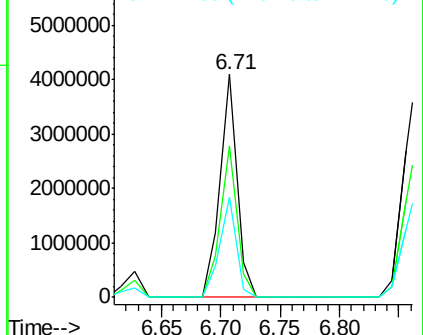
#13
 1,4-Dichlorobenzene
 Concen: 95.44 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF089810.D
 Acq: 19 Aug 2016 21:47

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-081916

Tgt Ion:146 Resp: 4071426
 Ion Ratio Lower Upper
 146 100
 148 67.9 51.0 76.6
 111 45.1 34.6 52.0

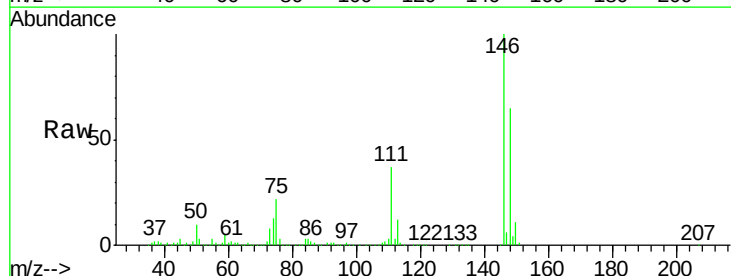


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

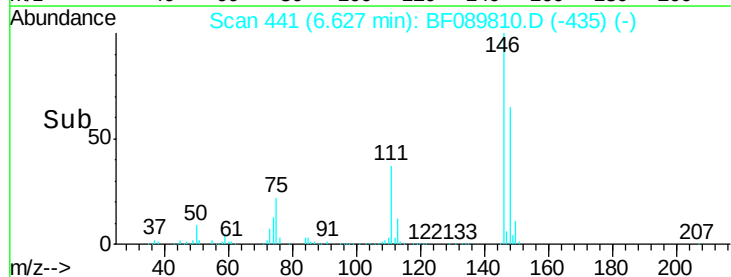
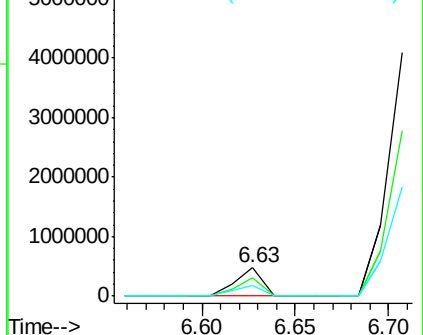


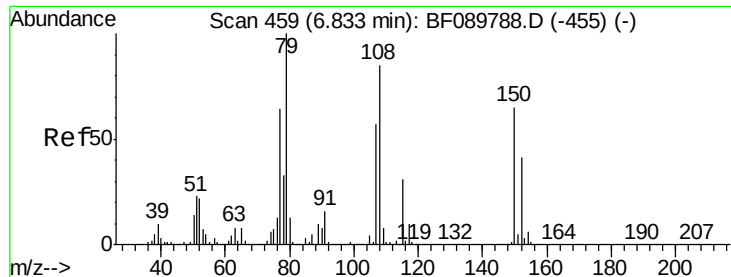
#14
 1,2-Dichlorobenzene
 Concen: 11.58 ng
 RT: 6.63 min Scan# 441
 Delta R.T. -0.23 min
 Lab File: BF089810.D
 Acq: 19 Aug 2016 21:47

Tgt Ion:146 Resp: 461183
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.2 78.2
 111 36.9 29.8 44.6



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: 1.65 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.01 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

Instrument :

BNA_F

ClientSampleId :

SYSDIS-081916

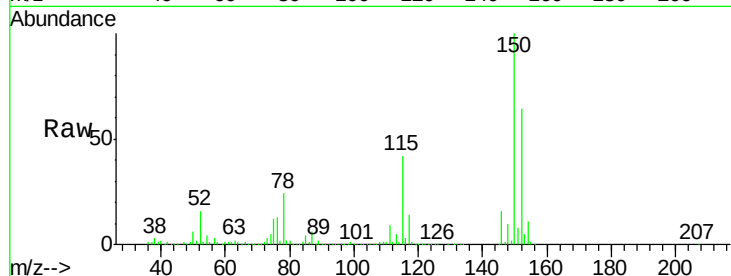
Tgt Ion: 79 Resp: 44695

Ion Ratio Lower Upper

79 100

108 40.3 62.5 93.7#

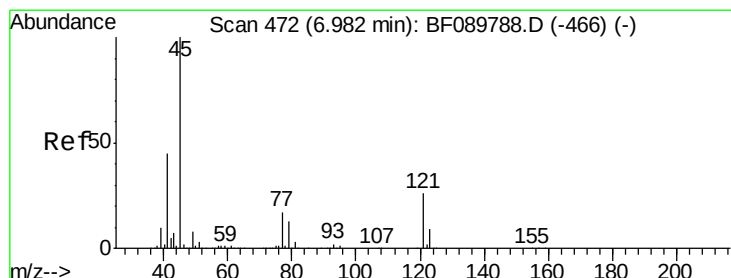
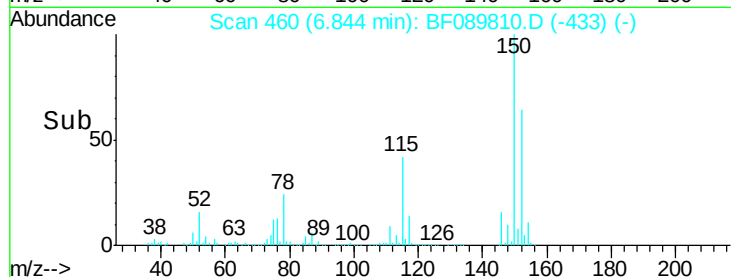
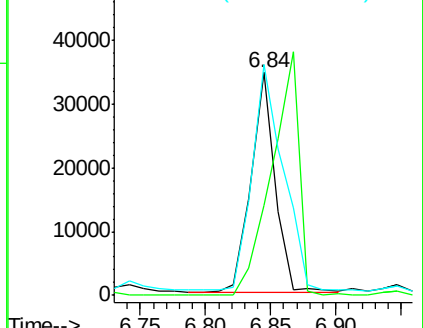
77 103.6 51.5 77.3#



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: 0.05 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

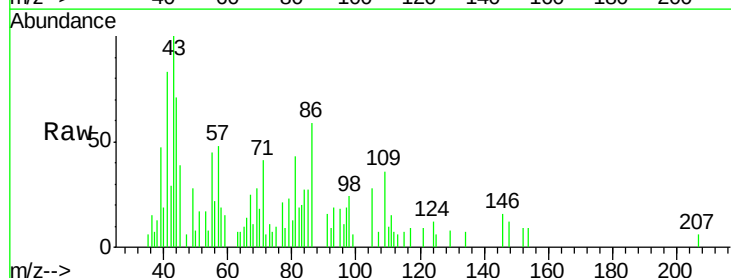
Tgt Ion: 45 Resp: 2565

Ion Ratio Lower Upper

45 100

77 54.7 0.0 33.5#

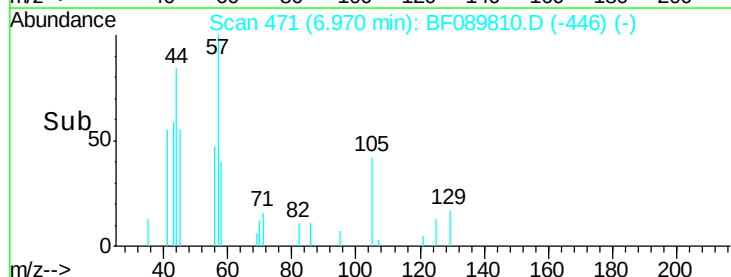
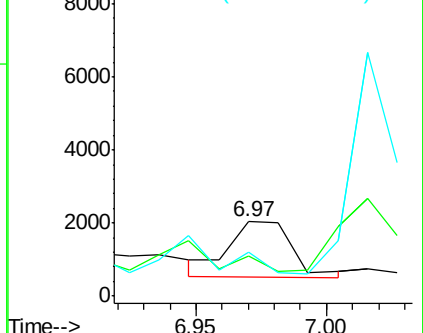
79 59.4 0.0 30.7#

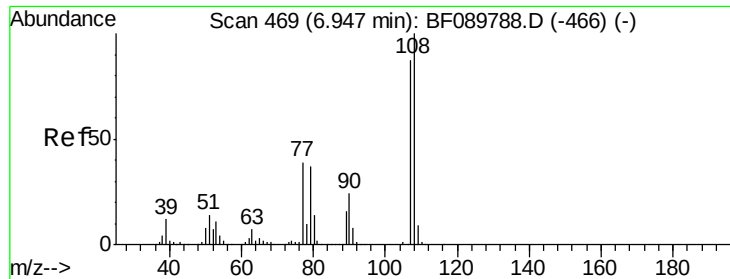


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 1.34 ng

RT: 6.87 min Scan# 462

Delta R.T. -0.08 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

Instrument :

BNA_F

ClientSampleId :

SYSDIS-081916

Tgt Ion:107 Resp: 41668

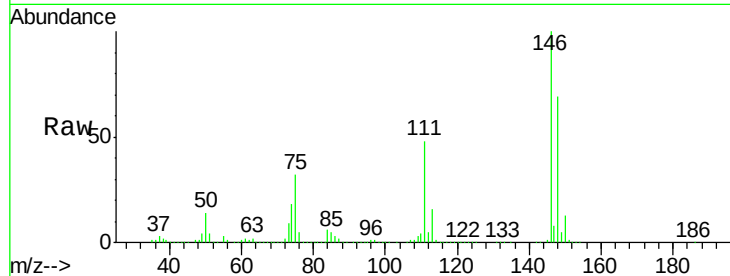
Ion Ratio Lower Upper

107 100

108 110.7 91.0 136.4

77 39.5 37.4 56.0

79 2.6 36.6 55.0#

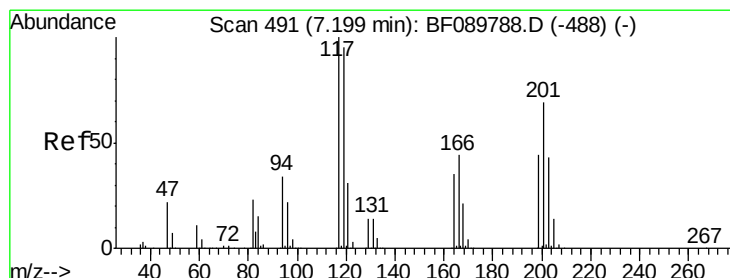
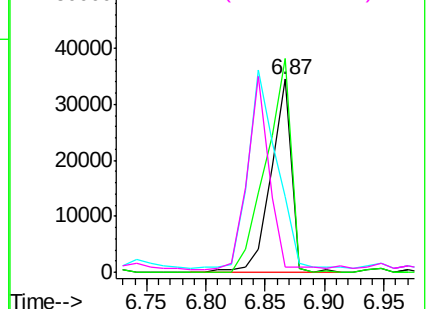
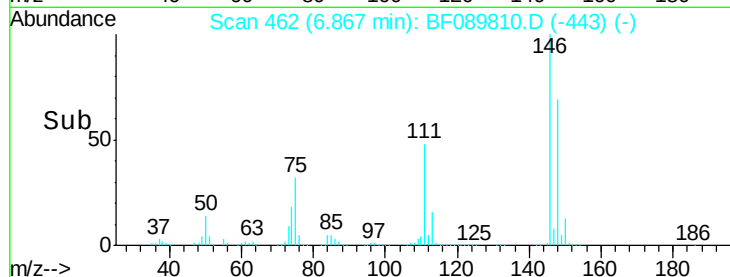


Abundance Ion 107.00 (106.70 to 107.70): E

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: 2.21 ng

RT: 7.26 min Scan# 496

Delta R.T. 0.06 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

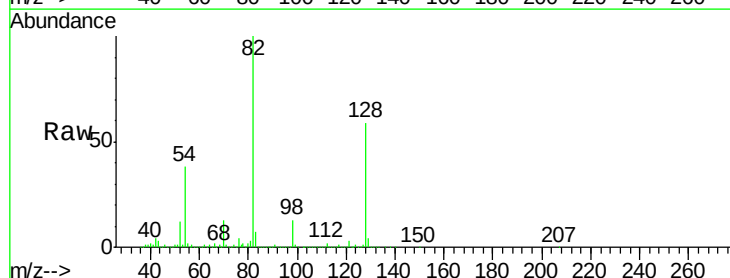
Tgt Ion:117 Resp: 33581

Ion Ratio Lower Upper

117 100

119 6.4 77.1 115.7#

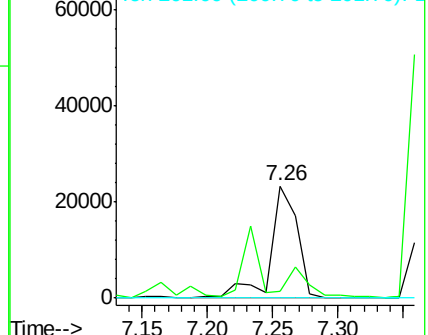
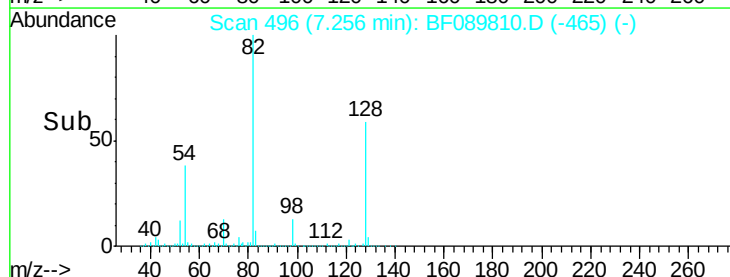
201 0.0 76.9 115.3#

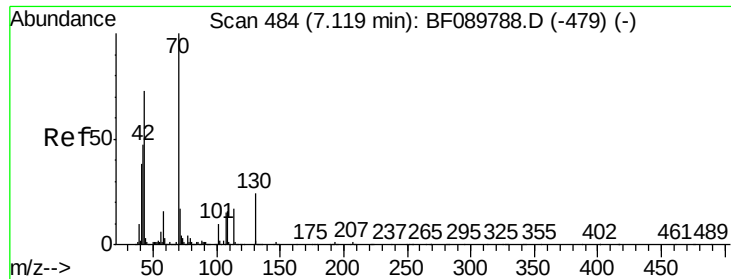


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

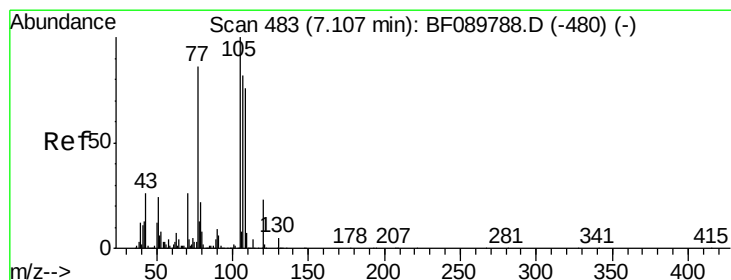
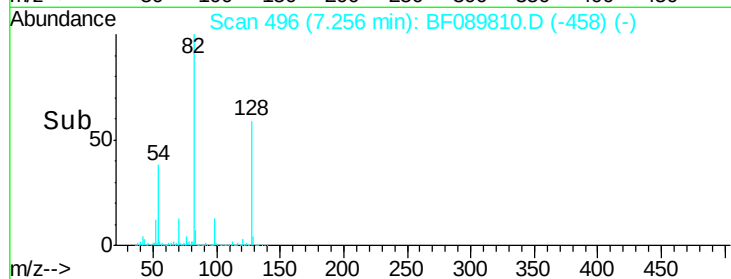
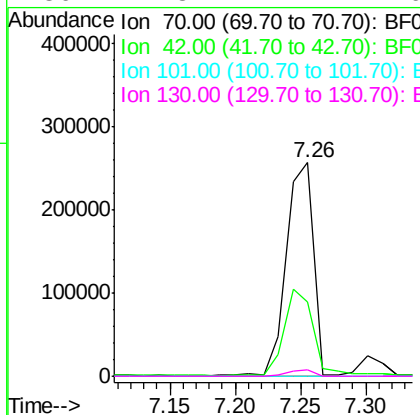
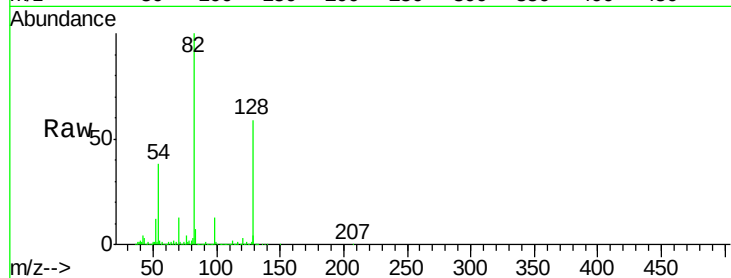




#19
n-Nitroso-di-n-propylamine
Concen: 14.34 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.14 min
Lab File: BF089810.D
Acq: 19 Aug 2016 21:47

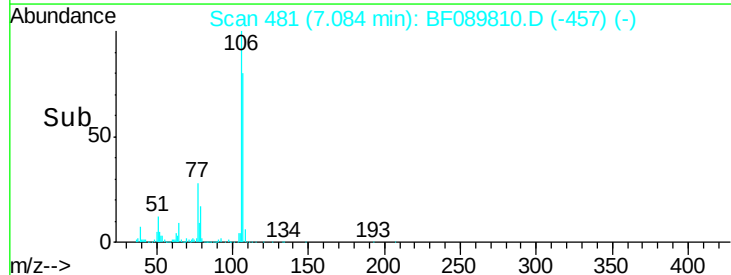
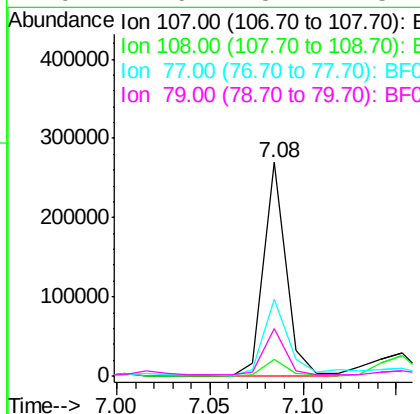
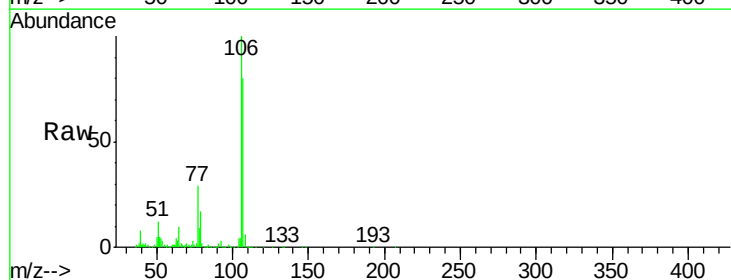
Instrument :
BNA_F
ClientSampleId :
SYSDIS-081916

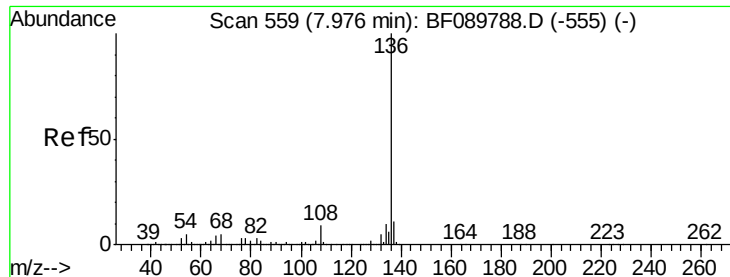
Tgt Ion: 70 Resp: 373693
Ion Ratio Lower Upper
70 100
42 34.6 46.3 69.5#
101 0.0 7.0 10.6#
130 2.8 14.4 21.6#



#20
3+4-Methylphenols
Concen: 5.82 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF089810.D
Acq: 19 Aug 2016 21:47

Tgt Ion: 107 Resp: 221985
Ion Ratio Lower Upper
107 100
108 7.9 68.2 108.2#
77 35.8 122.3 162.3#
79 21.9 8.2 48.2

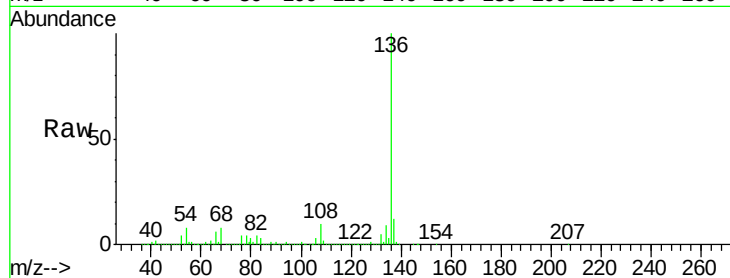




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF089810.D
Acq: 19 Aug 2016 21:47

Instrument :
BNA_F
ClientSampleId :
SYSDIS-081916

Tgt Ion:	136	Resp:	2076020
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	8.4	7.2	10.8
68	7.6	5.8	8.8



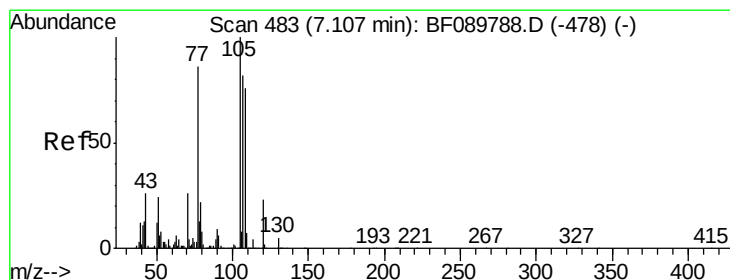
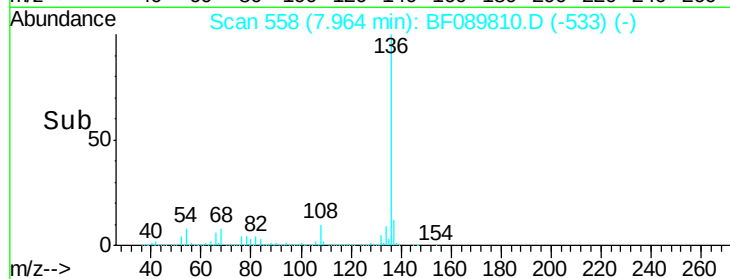
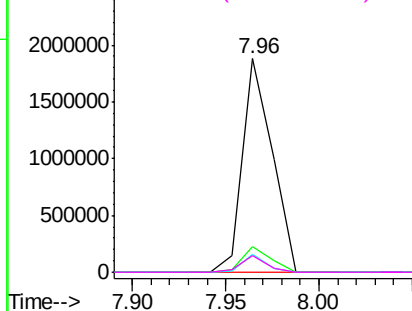
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

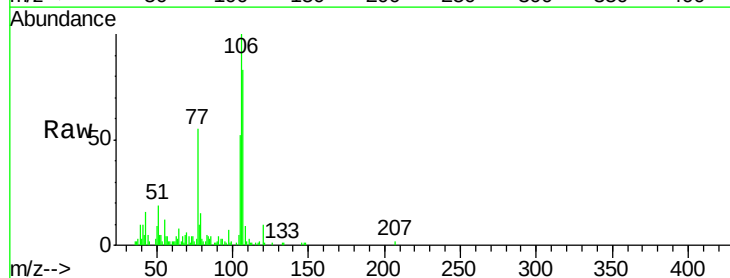
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 0.51 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF089810.D
Acq: 19 Aug 2016 21:47

Tgt Ion:	105	Resp:	24126
Ion	Ratio	Lower	Upper
105	100		
71	8.2	1.9	2.9#
51	37.2	28.5	42.7
120	18.6	16.6	25.0



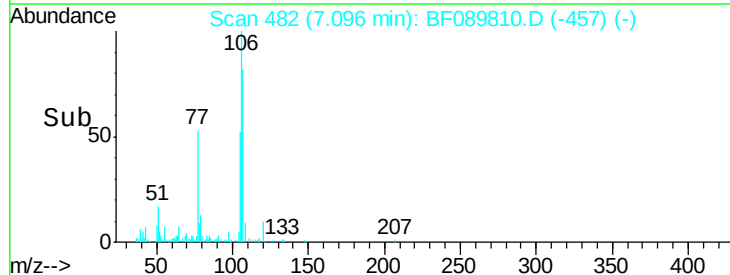
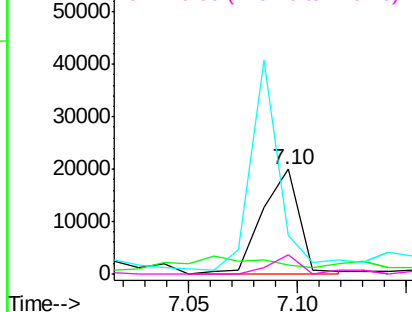
Abundance

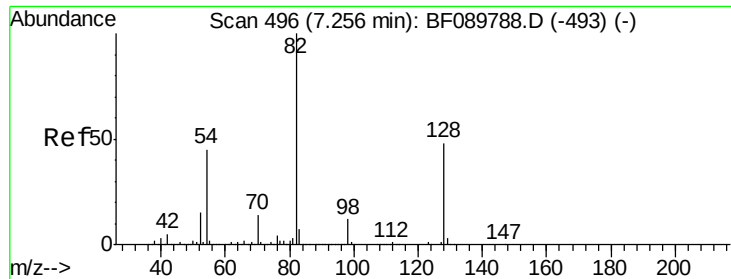
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

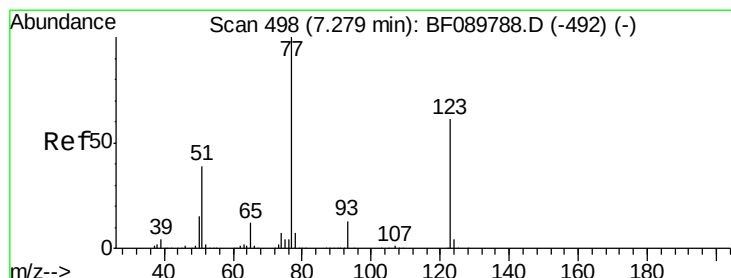
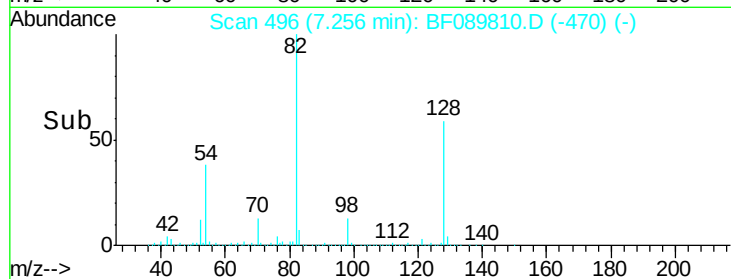
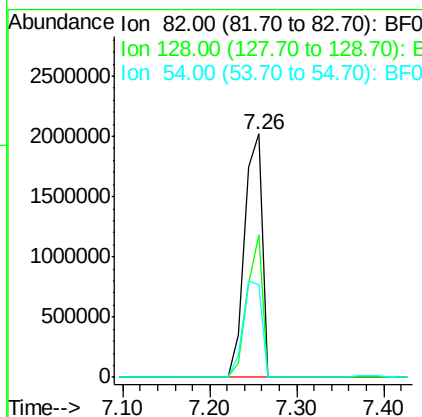
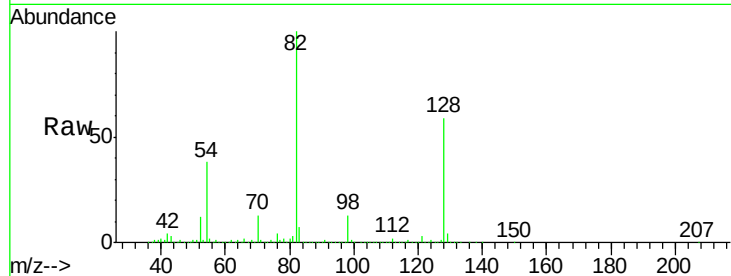




#23
 Nitrobenzene-d5
 Concen: 85.08 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BF089810.D
 Acq: 19 Aug 2016 21:47

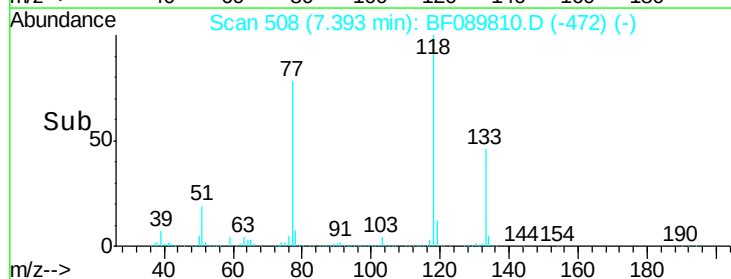
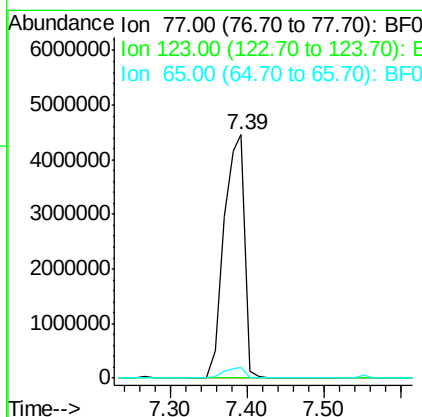
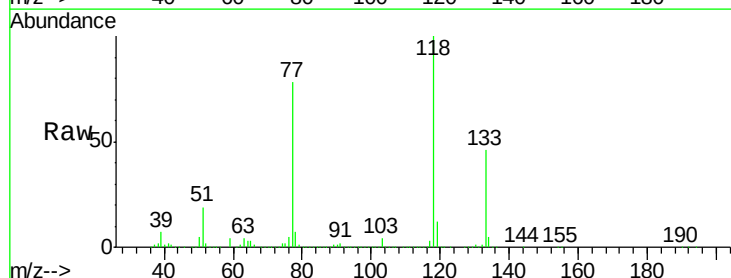
Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-081916

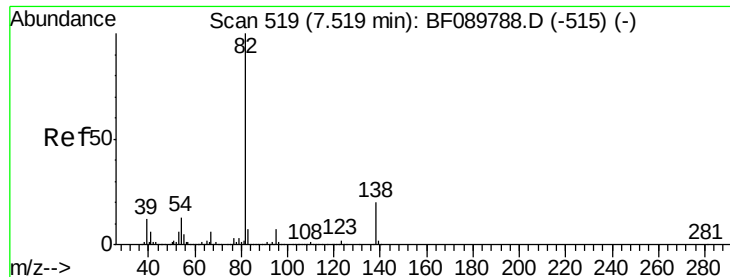
Tgt Ion: 82 Resp: 2842943
 Ion Ratio Lower Upper
 82 100
 128 58.8 34.4 51.6#
 54 38.2 40.3 60.5#



#24
 Nitrobenzene
 Concen: 224.64 ng
 RT: 7.39 min Scan# 508
 Delta R.T. 0.11 min
 Lab File: BF089810.D
 Acq: 19 Aug 2016 21:47

Tgt Ion: 77 Resp: 8422184
 Ion Ratio Lower Upper
 77 100
 123 0.0 36.2 54.2#
 65 4.3 10.6 15.8#





#25

Isophorone

Concen: 38.43 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.26 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

Instrument :

BNA_F

ClientSampleId :

SYSDIS-081916

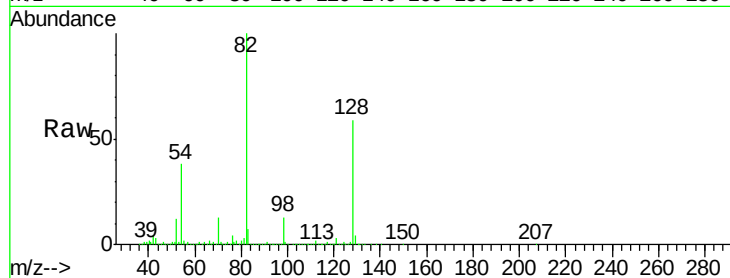
Tgt Ion: 82 Resp: 2590021

Ion Ratio Lower Upper

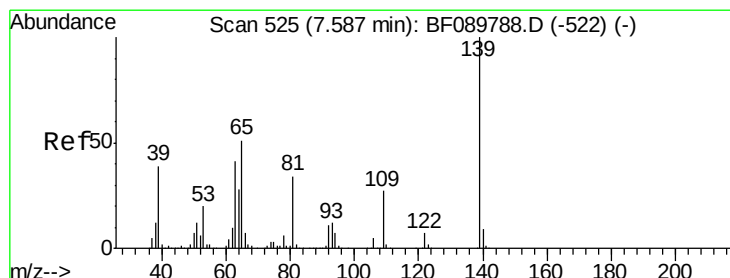
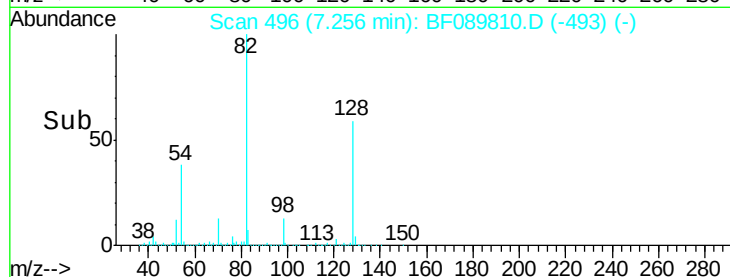
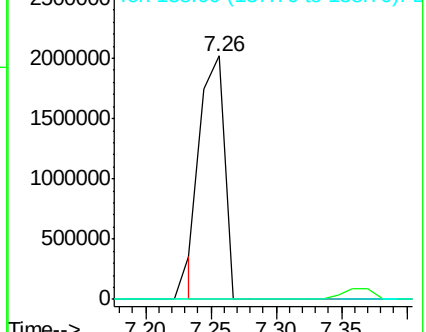
82 100

95 0.1 5.3 7.9#

138 0.0 13.0 19.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 0.07 ng

RT: 7.59 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

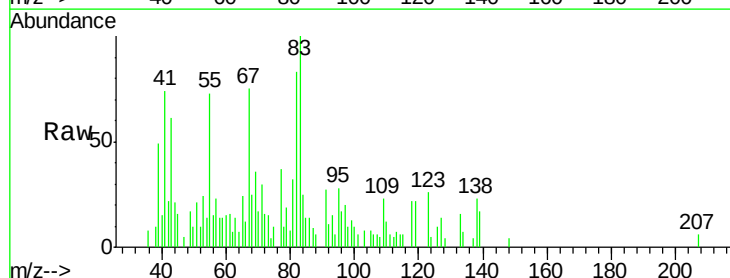
Tgt Ion: 139 Resp: 1364

Ion Ratio Lower Upper

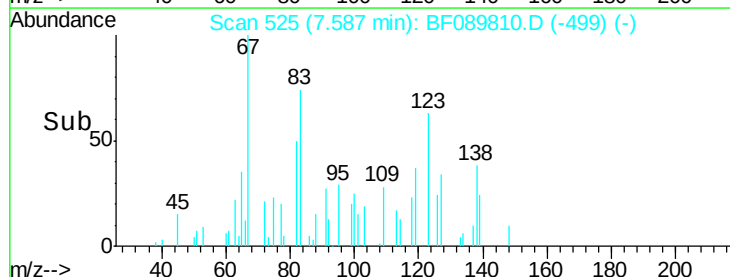
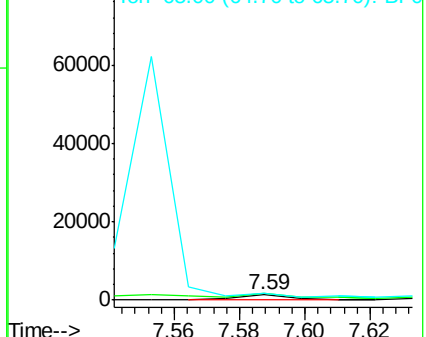
139 100

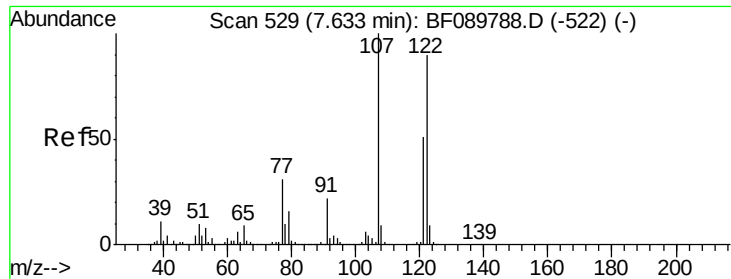
109 131.7 19.5 29.3#

65 141.1 26.5 39.7#



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

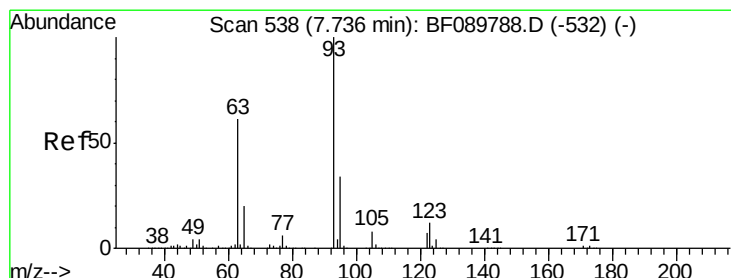
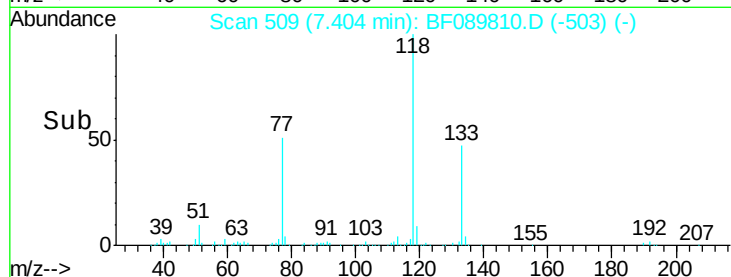
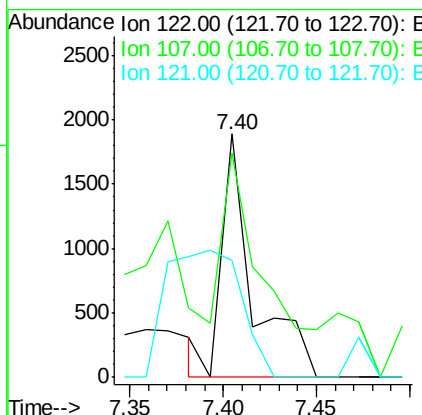
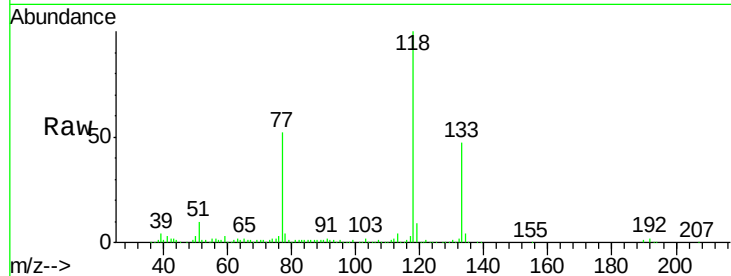




#27
 2,4-Dimethylphenol
 Concen: 0.06 ng
 RT: 7.40 min Scan# 509
 Delta R.T. -0.23 min
 Lab File: BF089810.D
 Acq: 19 Aug 2016 21:47

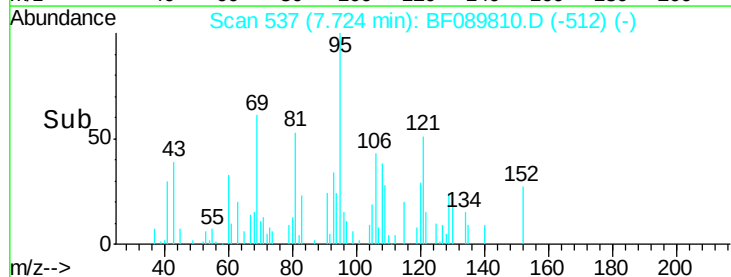
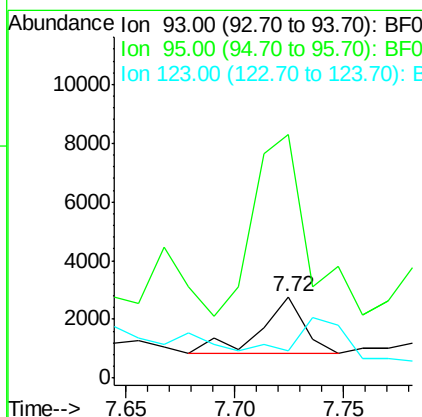
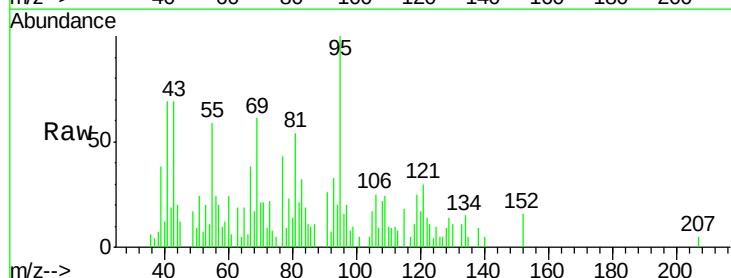
Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-081916

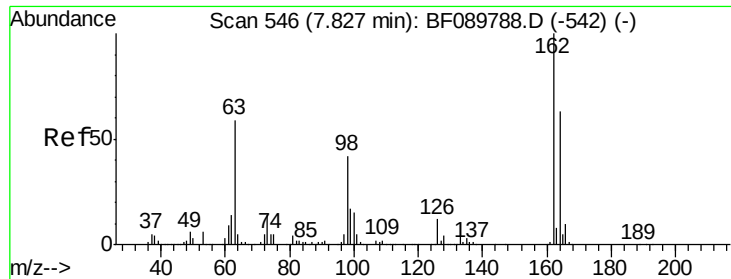
Tgt Ion: 122 Resp: 2180
 Ion Ratio Lower Upper
 122 100
 107 91.9 84.8 127.2
 121 48.1 47.0 70.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 0.07 ng
 RT: 7.72 min Scan# 537
 Delta R.T. -0.01 min
 Lab File: BF089810.D
 Acq: 19 Aug 2016 21:47

Tgt Ion: 93 Resp: 2739
 Ion Ratio Lower Upper
 93 100
 95 299.4 25.5 38.3#
 123 33.9 8.5 12.7#

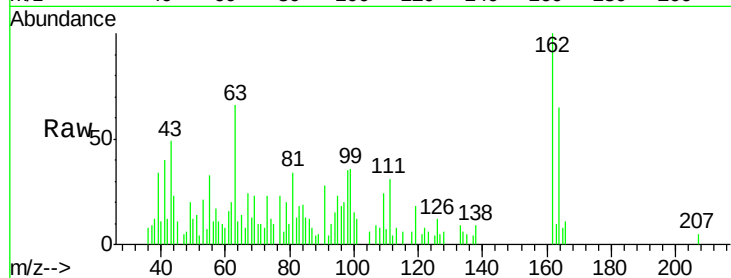




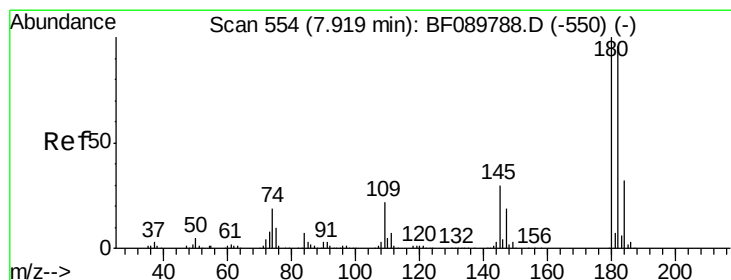
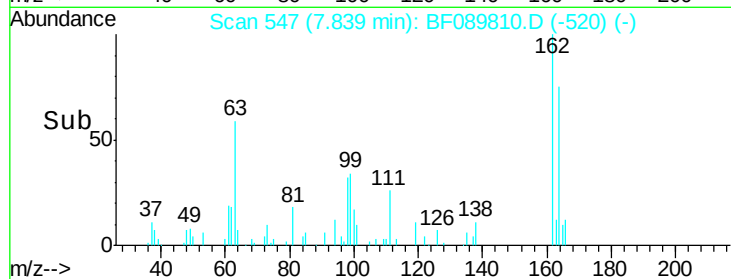
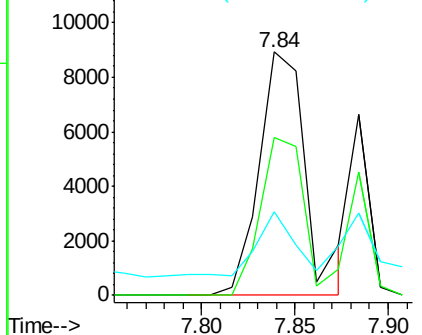
#29
 2,4-Dichlorophenol
 Concen: 0.55 ng
 RT: 7.84 min Scan# 547
 Delta R.T. 0.01 min
 Lab File: BF089810.D
 Acq: 19 Aug 2016 21:47

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-081916

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.0	45.5	85.5
98	34.6	12.4	52.4

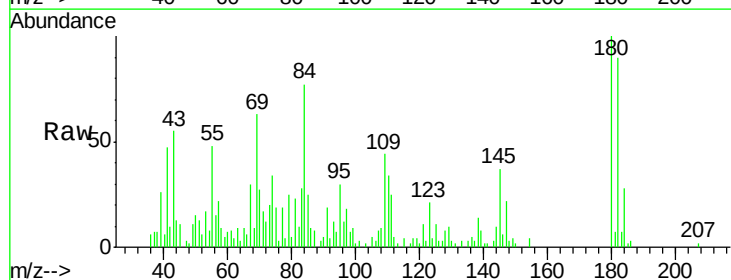


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

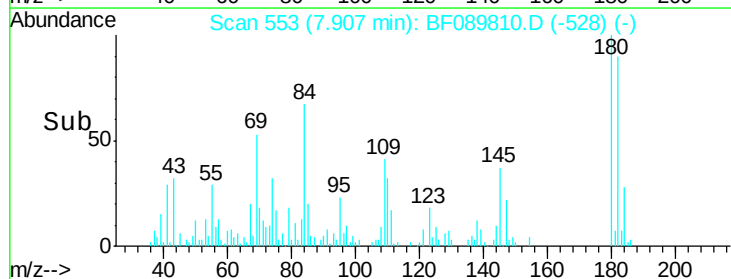
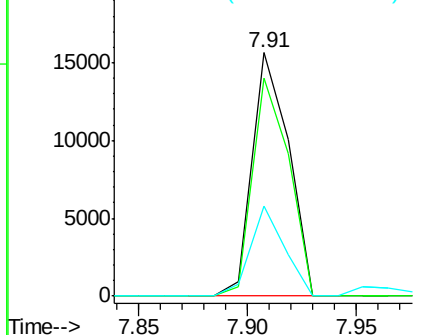


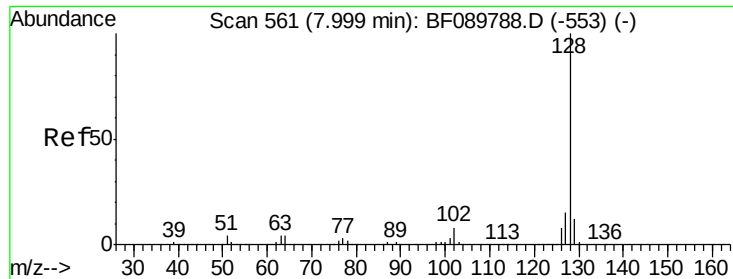
#30
 1,2,4-Trichlorobenzene
 Concen: 0.58 ng
 RT: 7.91 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF089810.D
 Acq: 19 Aug 2016 21:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.8	75.5	113.3
145	37.1	28.7	43.1



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

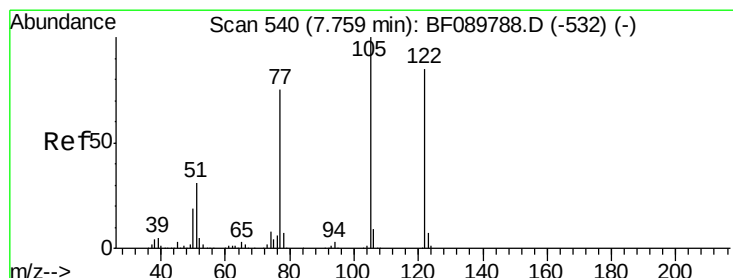
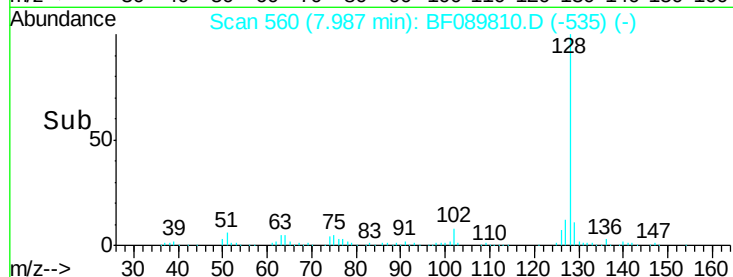
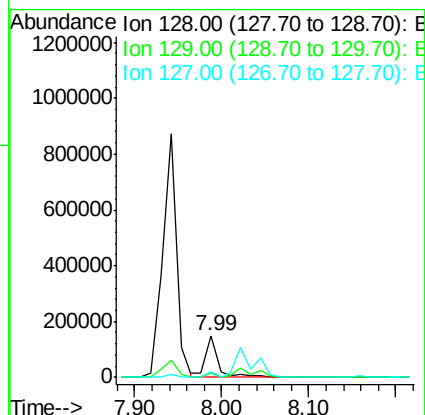
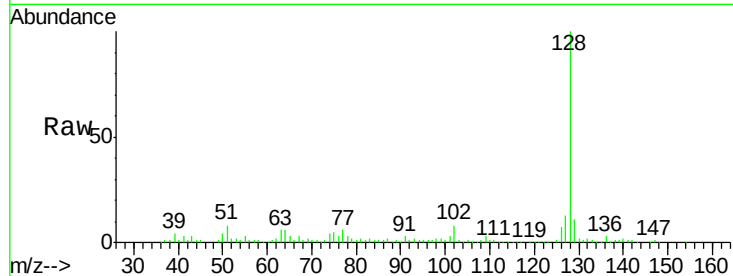




#31
Naphthalene
Concen: 1.53 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF089810.D
Acq: 19 Aug 2016 21:47

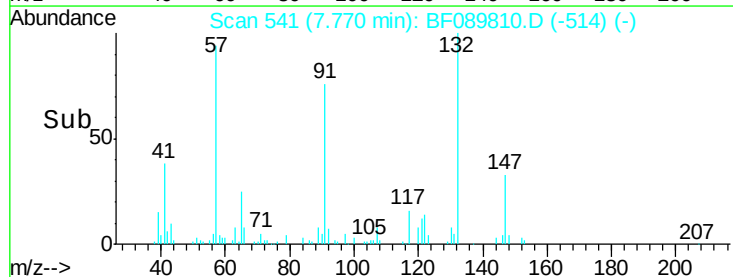
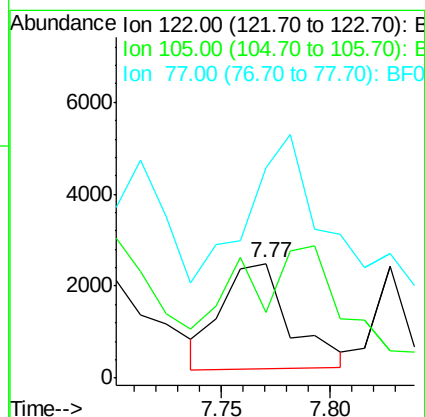
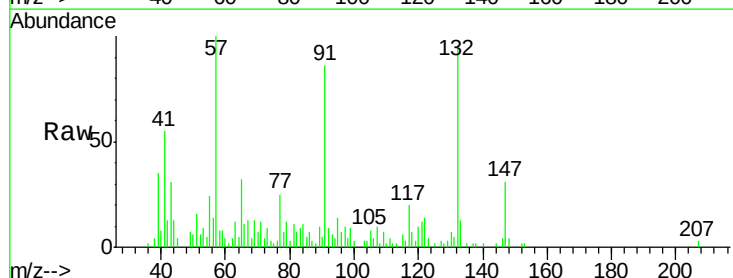
Instrument :
BNA_F
ClientSampleId :
SYSDIS-081916

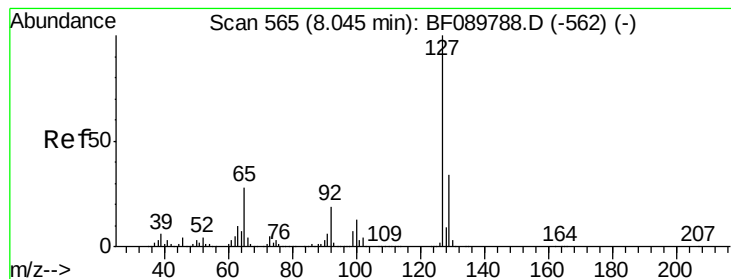
Tgt Ion:128 Resp: 148761
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 12.7 11.3 16.9



#32
Benzoic acid
Concen: 0.19 ng
RT: 7.77 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF089810.D
Acq: 19 Aug 2016 21:47

Tgt Ion:122 Resp: 4970
Ion Ratio Lower Upper
122 100
105 57.7 100.8 140.8#
77 183.8 72.1 112.1#





#33

4-Chloroaniline

Concen: 4.25 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.02 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

Instrument :

BNA_F

ClientSampleId :

SYSDIS-081916

Tgt Ion:127 Resp: 178577

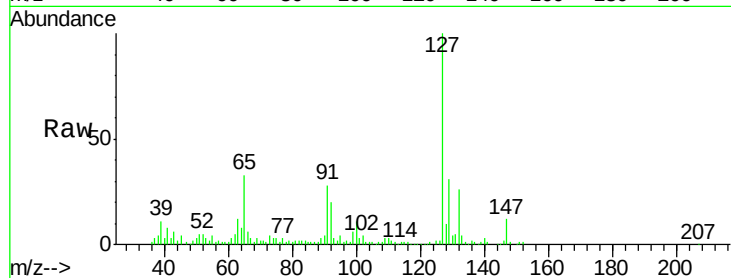
Ion Ratio Lower Upper

127 100

129 31.1 27.0 40.6

65 32.7 14.7 22.1#

92 19.8 11.7 17.5#

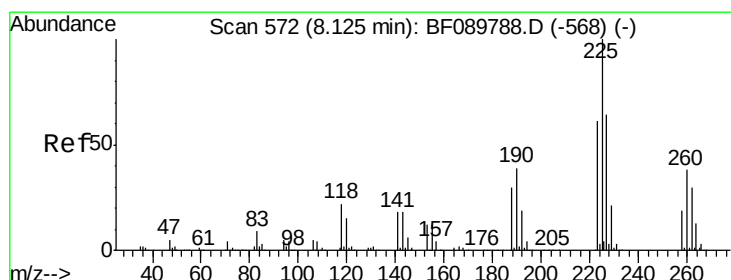
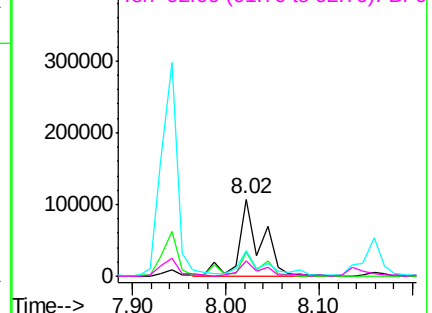
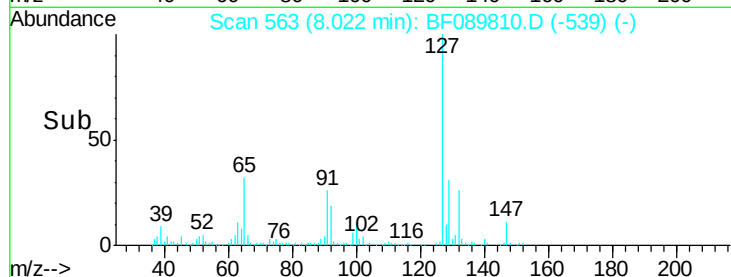


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 0.02 ng

RT: 8.12 min Scan# 572

Delta R.T. -0.00 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

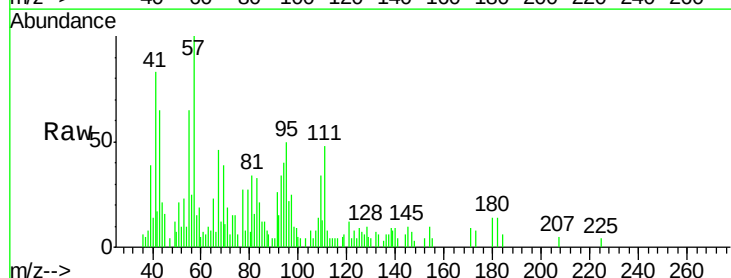
Tgt Ion:225 Resp: 250

Ion Ratio Lower Upper

225 100

223 0.0 51.0 76.6#

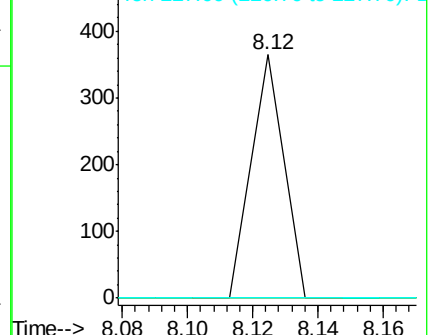
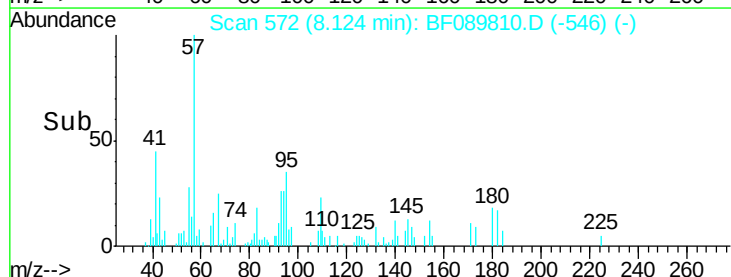
227 0.0 49.8 74.6#

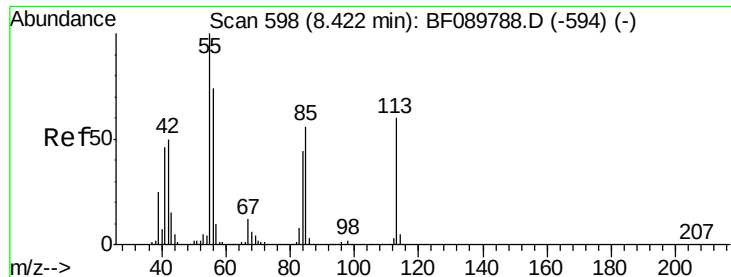


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

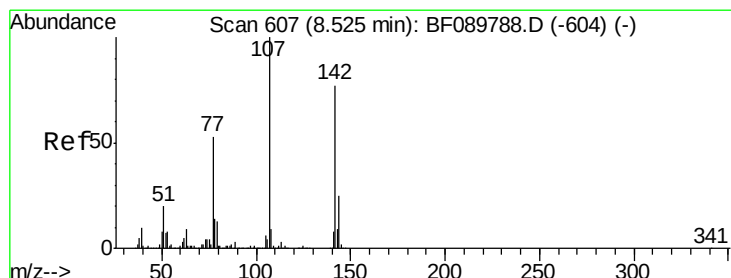
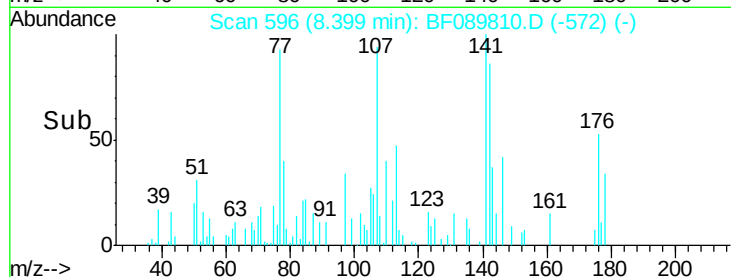
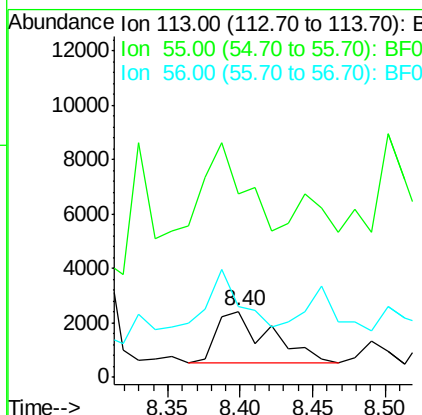
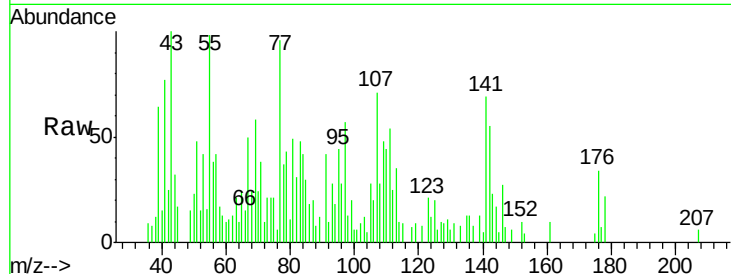




#35
 Caprolactam
 Concen: 0.56 ng
 RT: 8.40 min Scan# 596
 Delta R.T. -0.02 min
 Lab File: BF089810.D
 Acq: 19 Aug 2016 21:47

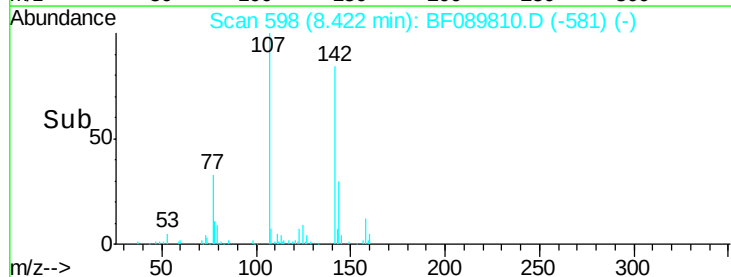
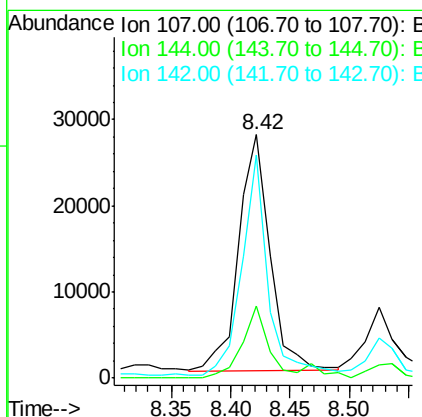
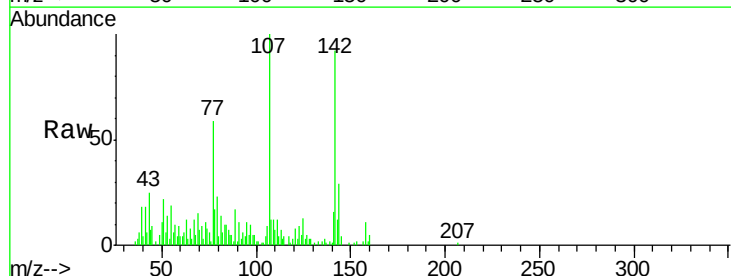
Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-081916

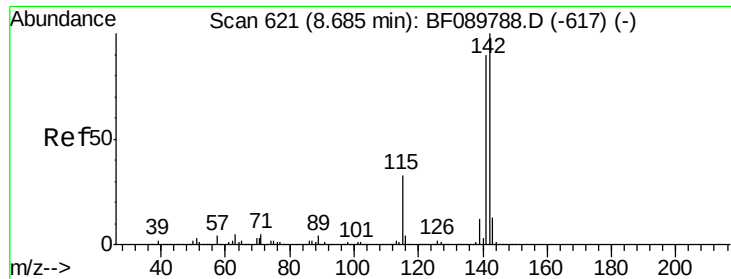
Tgt Ion:113 Resp: 4853
 Ion Ratio Lower Upper
 113 100
 55 278.5 135.9 175.9#
 56 107.6 93.9 133.9



#36
 4-Chloro-3-methylphenol
 Concen: 1.66 ng
 RT: 8.42 min Scan# 598
 Delta R.T. -0.10 min
 Lab File: BF089810.D
 Acq: 19 Aug 2016 21:47

Tgt Ion:107 Resp: 50803
 Ion Ratio Lower Upper
 107 100
 144 29.4 22.6 34.0
 142 91.7 69.3 103.9





#37

2-Methylnaphthalene

Concen: 1.24 ng

RT: 8.65 min Scan# 618

Delta R.T. -0.03 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

Instrument :

BNA_F

ClientSampleId :

SYSDIS-081916

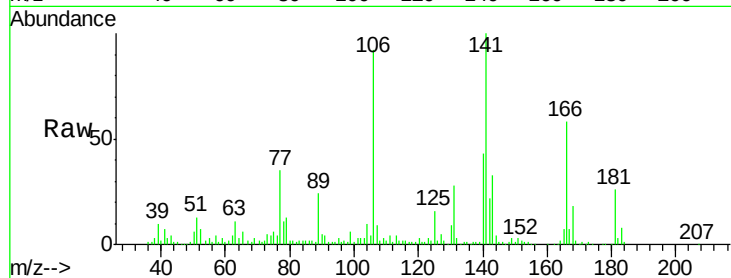
Tgt Ion:142 Resp: 78010

Ion Ratio Lower Upper

142 100

141 450.5 71.4 107.2#

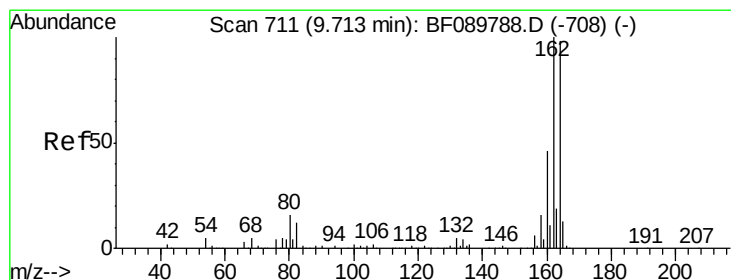
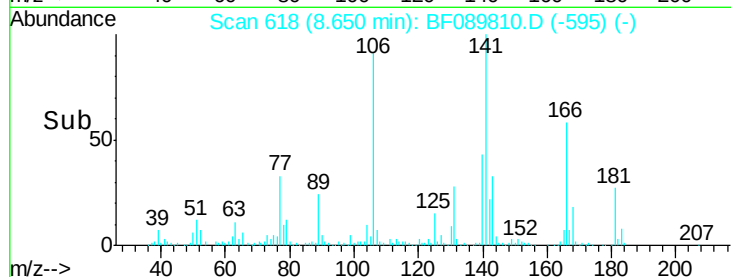
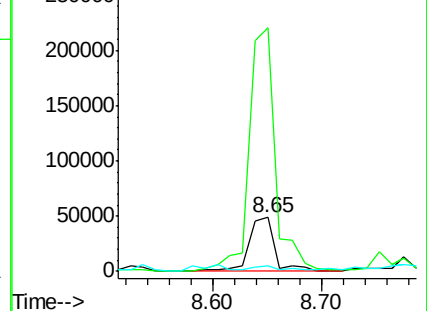
115 9.1 22.7 34.1#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.71 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

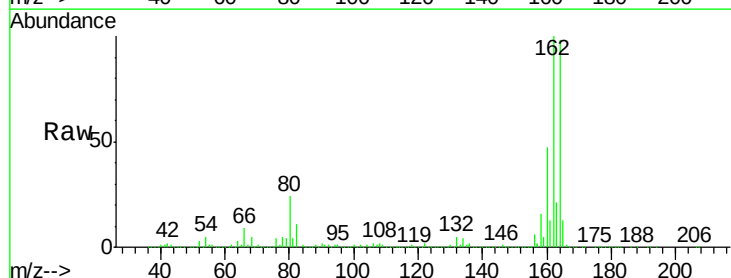
Tgt Ion:164 Resp: 959468

Ion Ratio Lower Upper

164 100

162 102.4 81.4 122.2

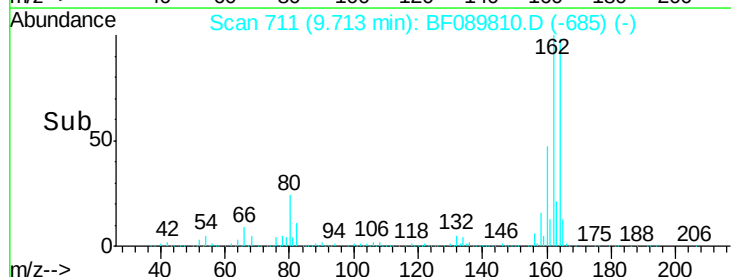
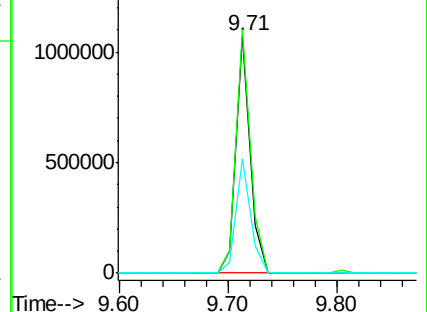
160 48.1 37.8 56.6

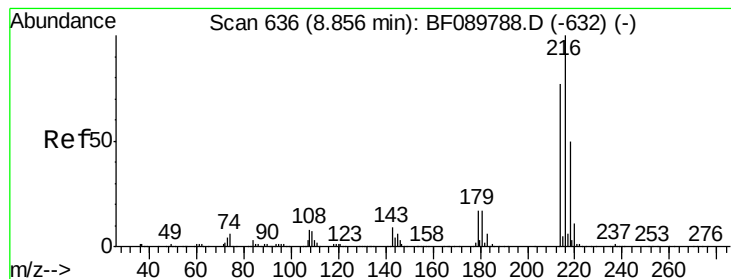


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.02 ng

RT: 8.84 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

Instrument :

BNA_F

ClientSampleId :

SYSDIS-081916

Tgt Ion:216 Resp: 647

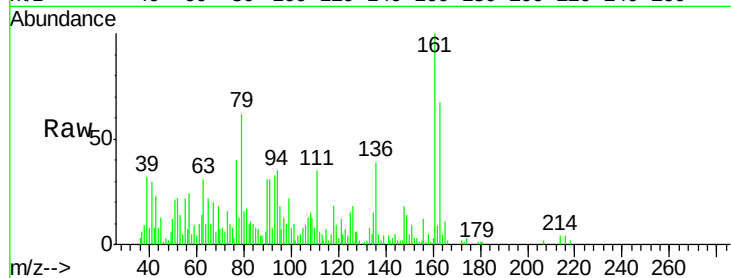
Ion Ratio Lower Upper

216 100

214 98.8 63.5 95.3#

179 38.2 19.9 29.9#

108 526.4 19.9 29.9#

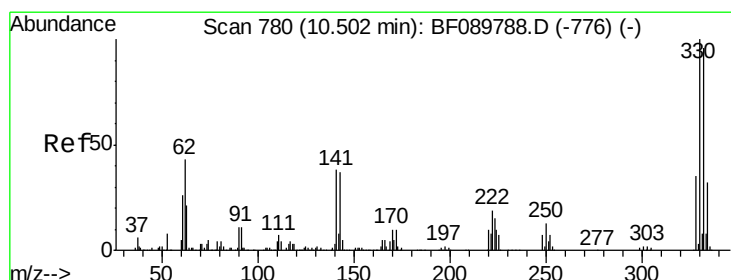
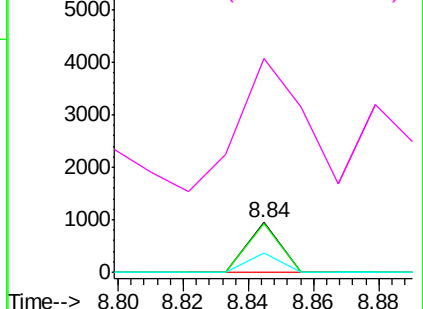
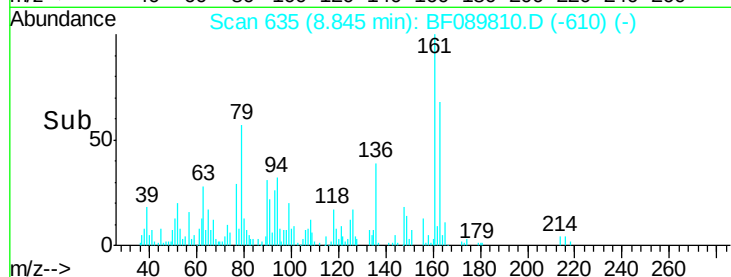


Abundance Ion 216.00 (215.70 to 216.70): E

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



#41

2,4,6-Tribromophenol

Concen: 77.48 ng

RT: 10.50 min Scan# 780

Delta R.T. -0.00 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

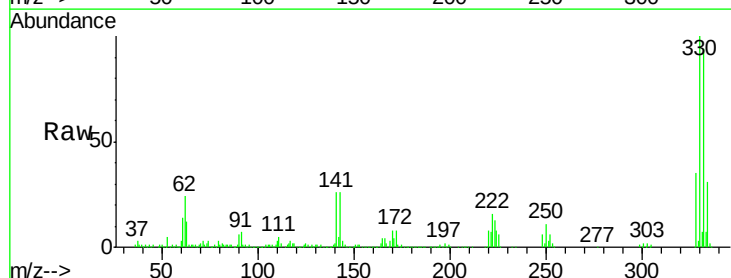
Tgt Ion:330 Resp: 706456

Ion Ratio Lower Upper

330 100

332 95.0 76.7 115.1

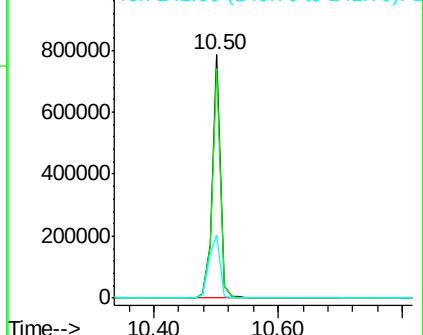
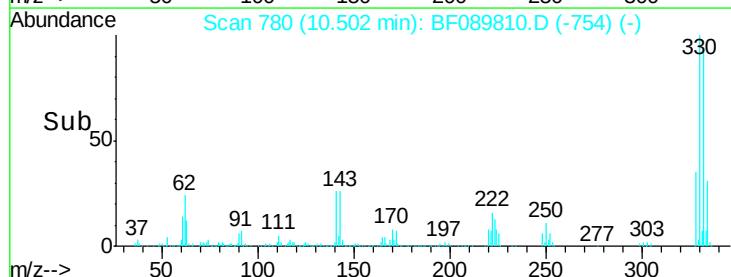
141 35.3 30.2 45.2

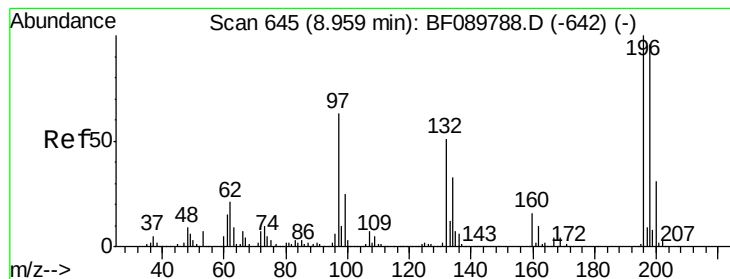


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 0.95 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.18 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

Instrument :

BNA_F

ClientSampleId :

SYSDIS-081916

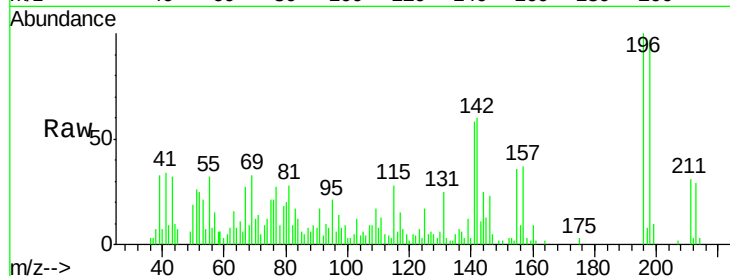
Tgt Ion:196 Resp: 18516

Ion Ratio Lower Upper

196 100

198 96.8 76.3 114.5

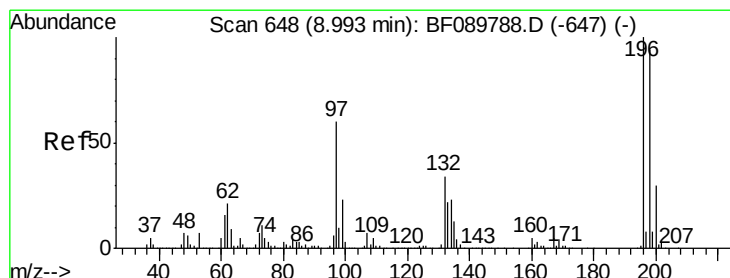
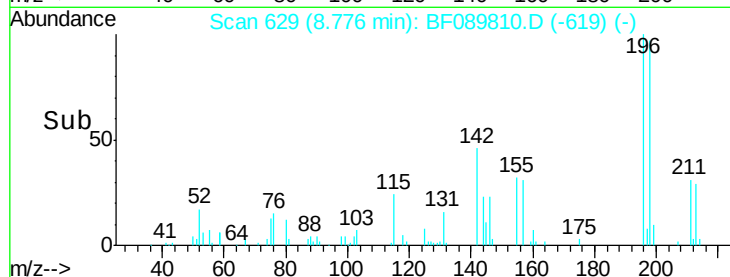
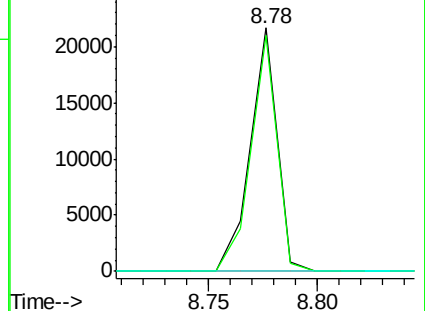
200 0.0 24.6 36.8#



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 5.16 ng

RT: 9.16 min Scan# 663

Delta R.T. 0.17 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

Tgt Ion:196 Resp: 100227

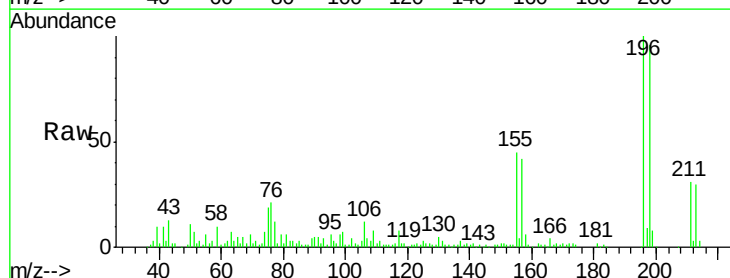
Ion Ratio Lower Upper

196 100

198 96.3 76.6 114.8

97 2.5 35.8 53.8#

132 0.7 23.5 35.3#

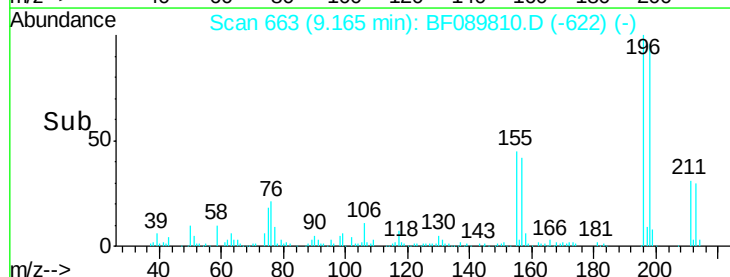
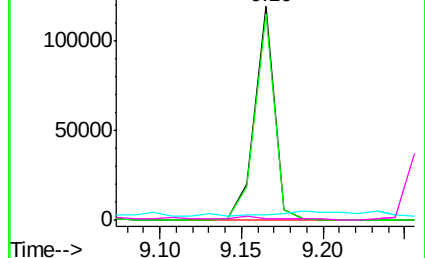


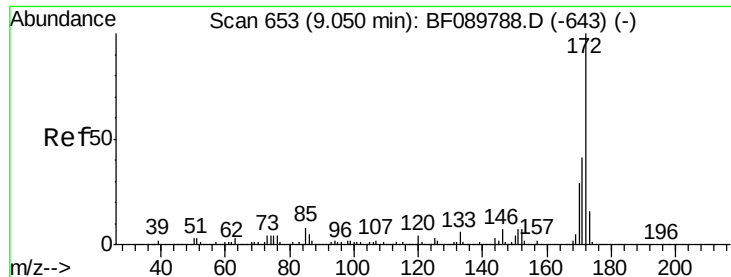
Abundance Ion 196.00 (195.70 to 196.70): E

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

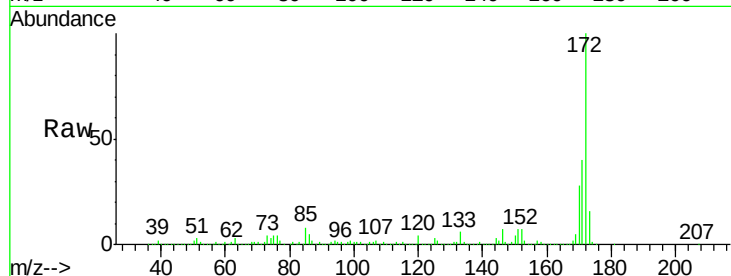




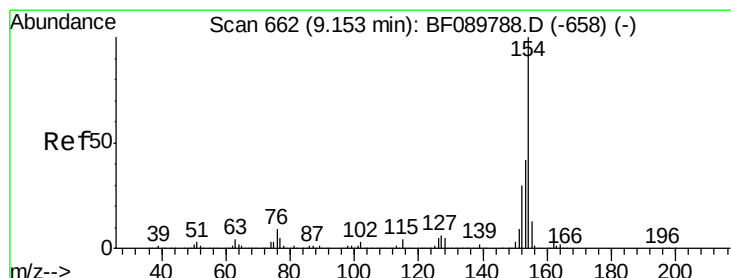
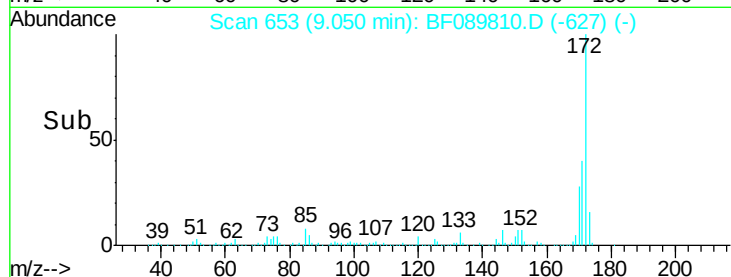
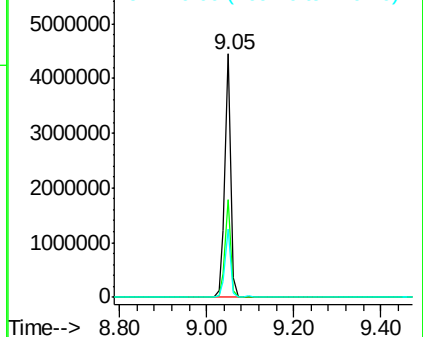
#44
 2-Fluorobiphenyl
 Concen: 78.66 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF089810.D
 Acq: 19 Aug 2016 21:47

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-081916

Tgt Ion:172 Resp: 4294357
 Ion Ratio Lower Upper
 172 100
 171 40.1 30.5 45.7
 170 28.2 20.6 31.0

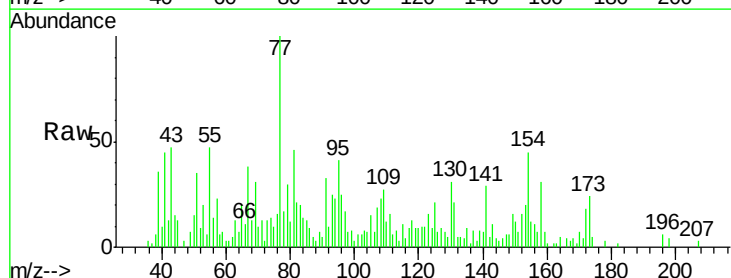


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

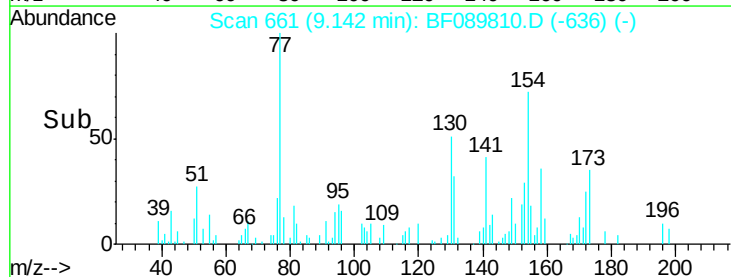
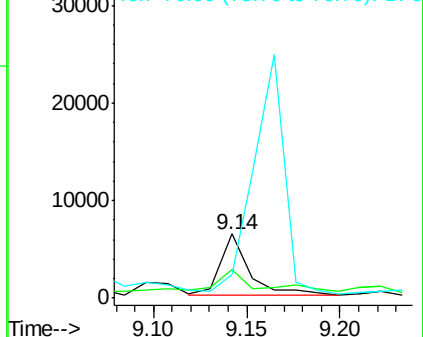


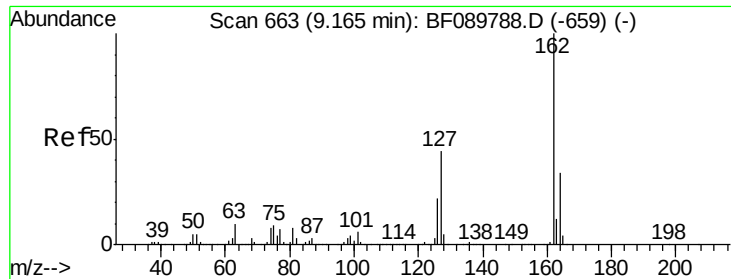
#45
 1,1'-Biphenyl
 Concen: 0.09 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF089810.D
 Acq: 19 Aug 2016 21:47

Tgt Ion:154 Resp: 7010
 Ion Ratio Lower Upper
 154 100
 153 44.7 21.5 61.5
 76 36.6 0.0 36.7



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

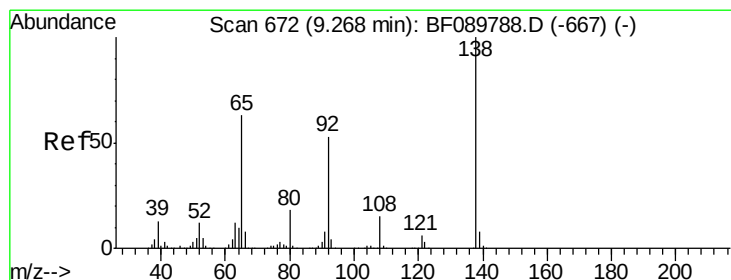
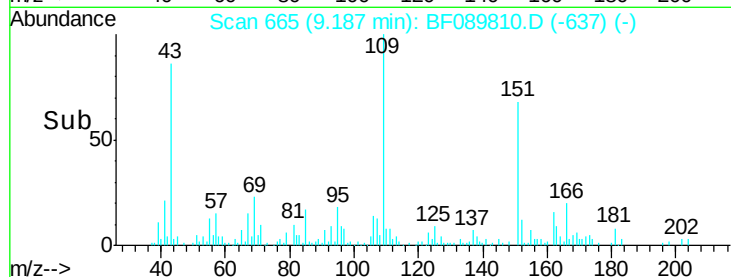
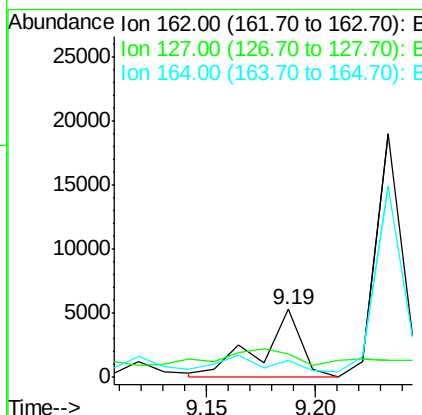
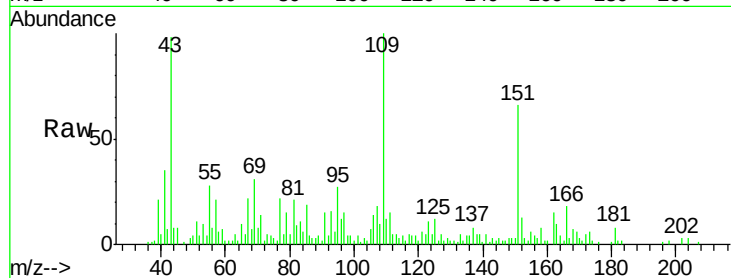




#46
2-Chloronaphthalene
Concen: 0.12 ng
RT: 9.19 min Scan# 665
Delta R.T. 0.02 min
Lab File: BF089810.D
Acq: 19 Aug 2016 21:47

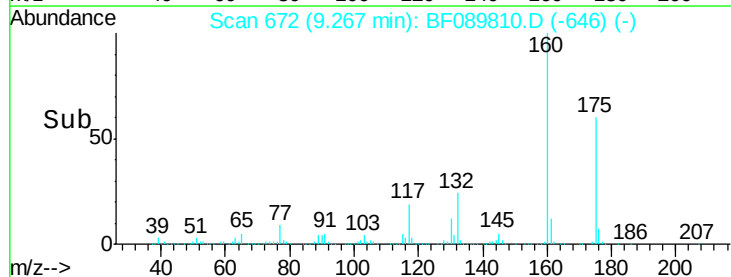
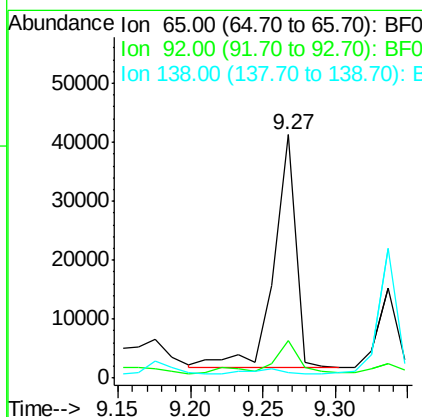
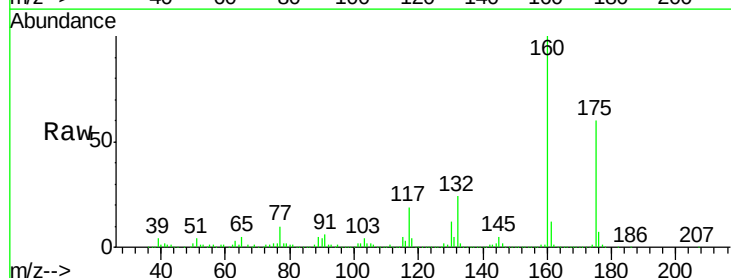
Instrument :
BNA_F
ClientSampleId :
SYSDIS-081916

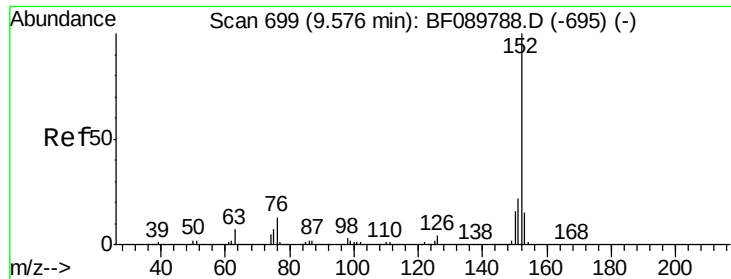
Tgt Ion: 162 Resp: 7005
Ion Ratio Lower Upper
162 100
127 34.8 35.5 53.3#
164 25.8 26.6 40.0#



#47
2-Nitroaniline
Concen: 2.44 ng
RT: 9.27 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF089810.D
Acq: 19 Aug 2016 21:47

Tgt Ion: 65 Resp: 40881
Ion Ratio Lower Upper
65 100
92 15.3 56.3 84.5#
138 2.5 81.8 122.8#





#48

Acenaphthylene

Concen: 0.05 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

Instrument :

BNA_F

ClientSampleId :

SYSDIS-081916

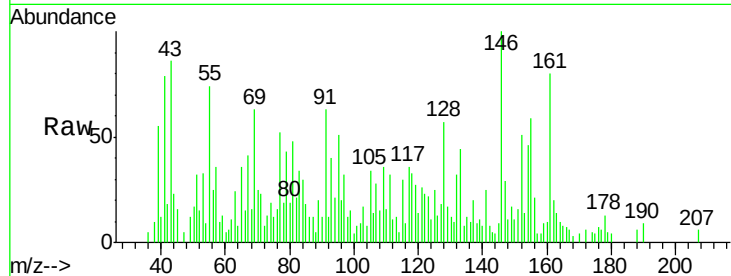
Tgt Ion:152 Resp: 4296

Ion Ratio Lower Upper

152 100

151 30.9 17.1 25.7#

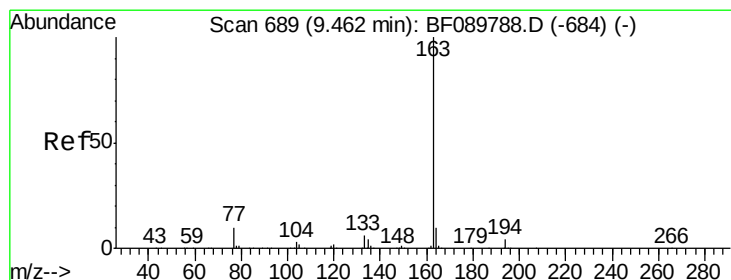
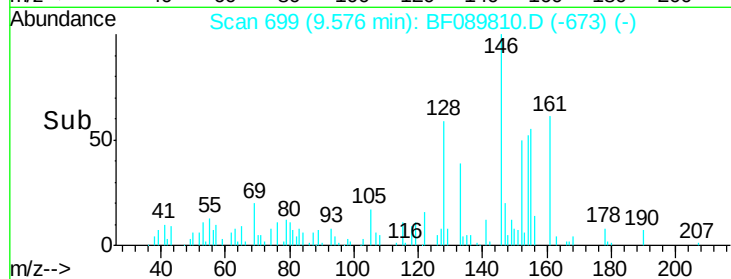
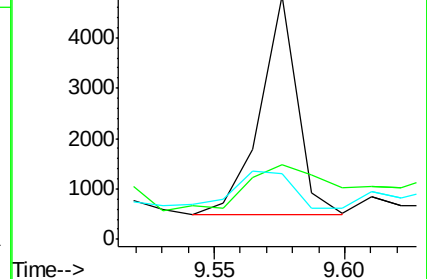
153 27.1 11.2 16.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 3.29 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

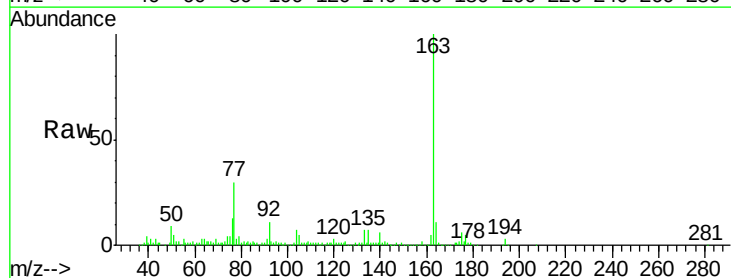
Tgt Ion:163 Resp: 222079

Ion Ratio Lower Upper

163 100

194 3.1 2.6 3.8

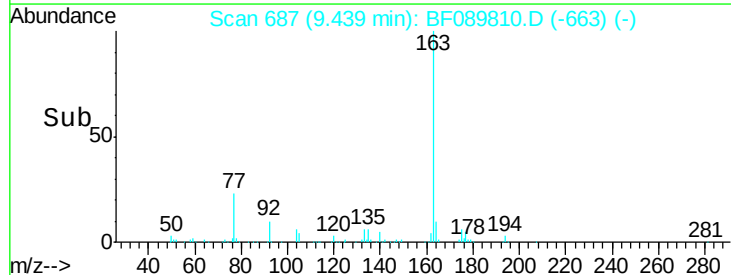
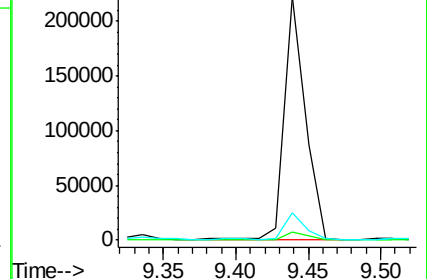
164 11.0 8.6 12.8

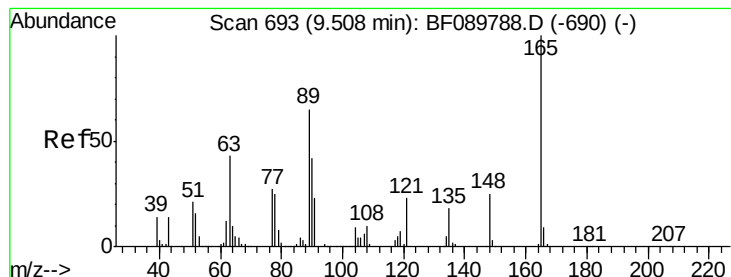


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 0.30 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.10 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

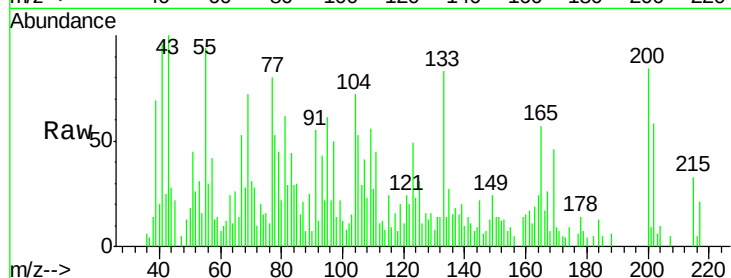
Instrument :

BNA_F

ClientSampleId :

SYSDIS-081916

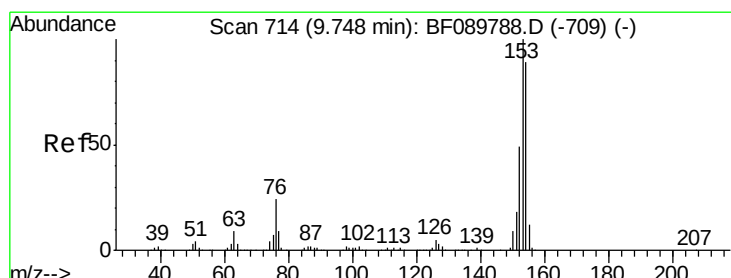
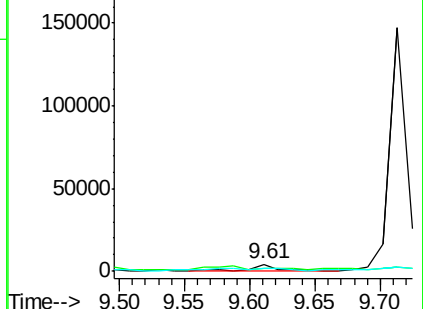
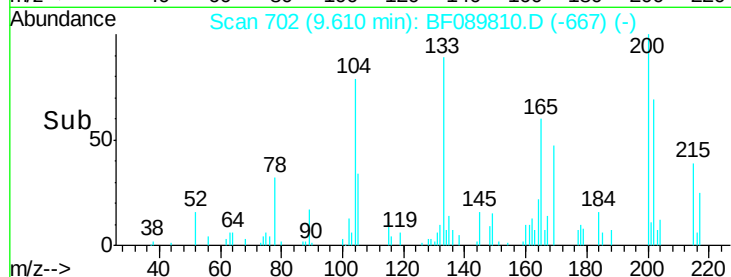
Tgt Ion:	165	Resp:	4687
Ion Ratio	Lower	Upper	
165	100		
63	42.5	41.7	62.5
89	43.5	44.6	67.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51

Acenaphthene

Concen: 0.20 ng

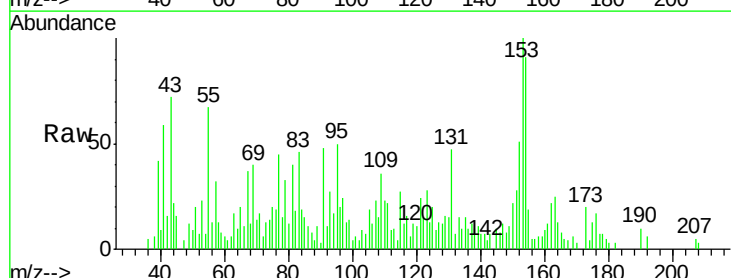
RT: 9.75 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

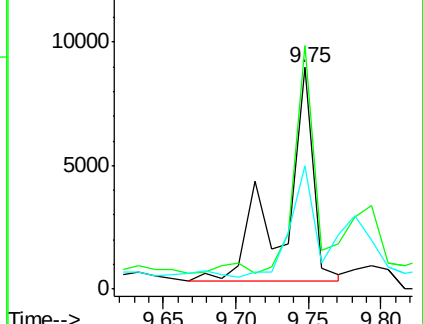
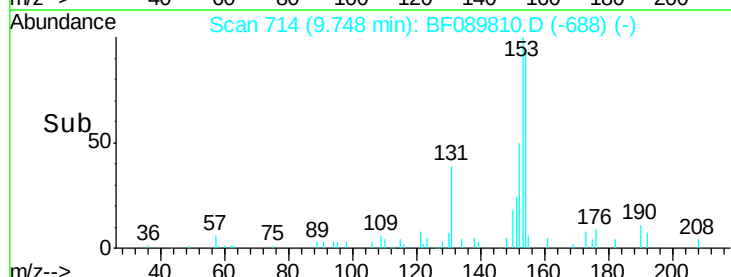
Tgt Ion:	154	Resp:	11825
Ion Ratio	Lower	Upper	
154	100		
153	109.9	90.5	135.7
152	55.8	44.6	67.0

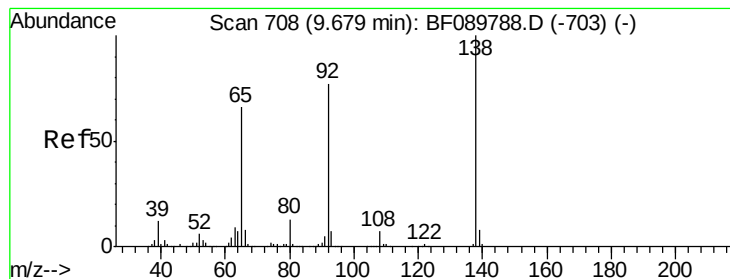


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 0.05 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.02 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

Instrument :

BNA_F

ClientSampleId :

SYSDIS-081916

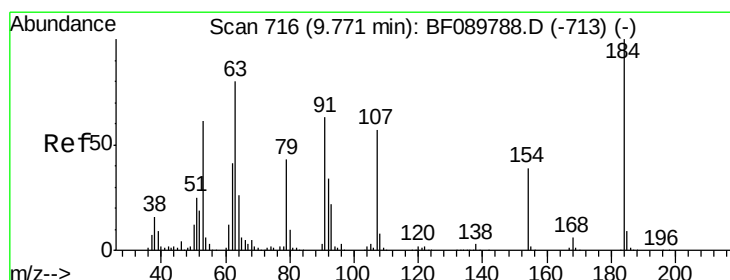
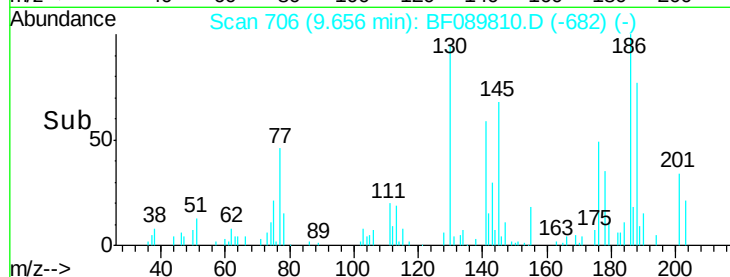
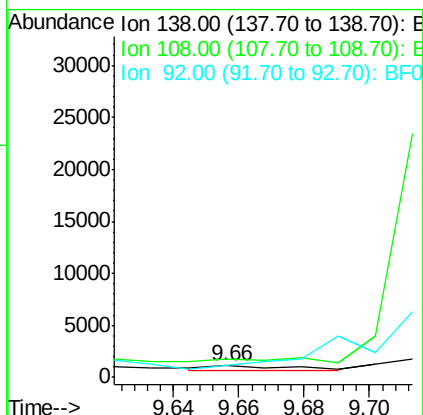
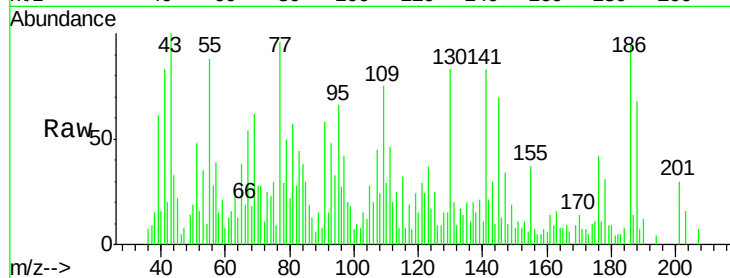
Tgt Ion:138 Resp: 781

Ion Ratio Lower Upper

138 100

108 162.8 8.1 12.1#

92 104.1 92.7 139.1



#53

2,4-Dinitrophenol

Concen: 2.67 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

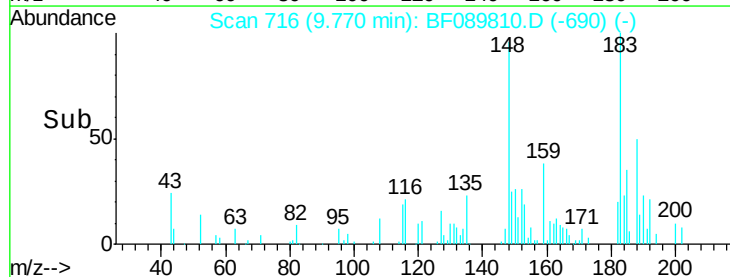
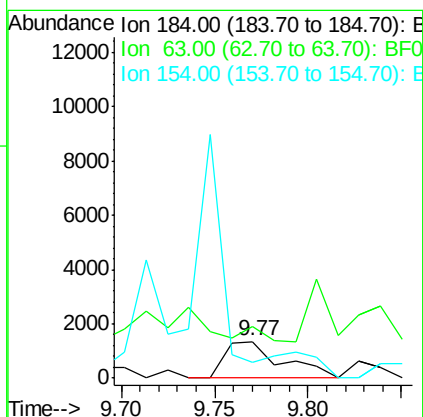
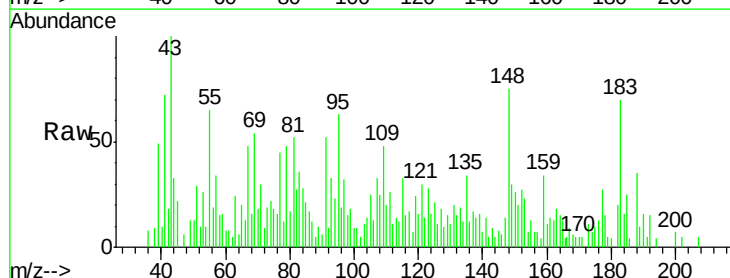
Tgt Ion:184 Resp: 2840

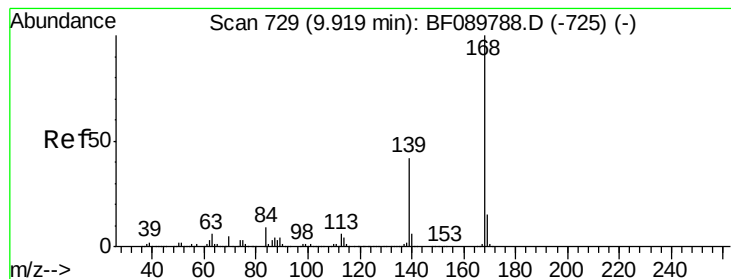
Ion Ratio Lower Upper

184 100

63 143.7 54.2 81.4#

154 44.8 52.7 79.1#





#54

Dibenzofuran

Concen: 0.08 ng

RT: 9.92 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

Instrument :

BNA_F

ClientSampleId :

SYSDIS-081916

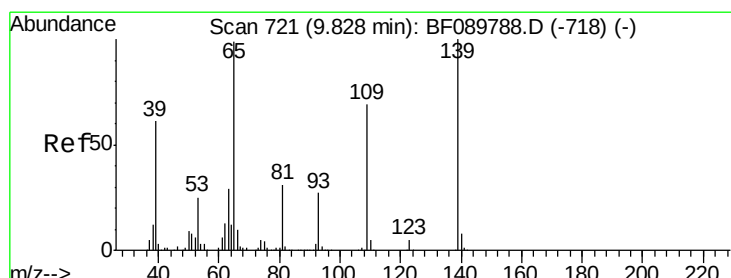
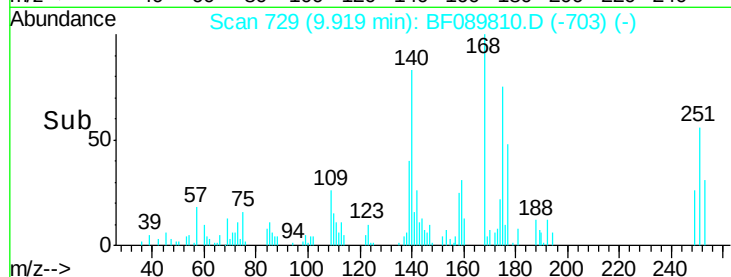
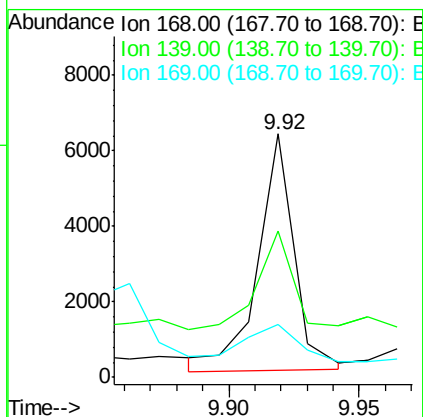
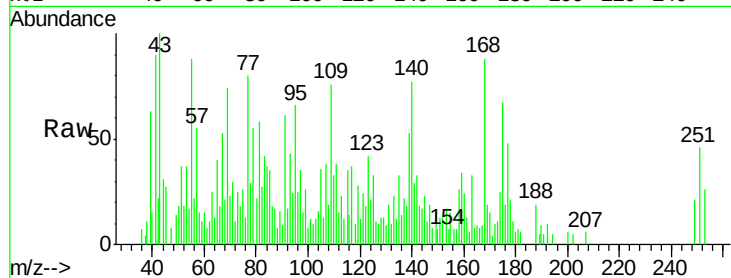
Tgt Ion:168 Resp: 6062

Ion Ratio Lower Upper

168 100

139 60.0 34.6 52.0#

169 21.7 11.5 17.3#



#55

4-Nitrophenol

Concen: 0.15 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

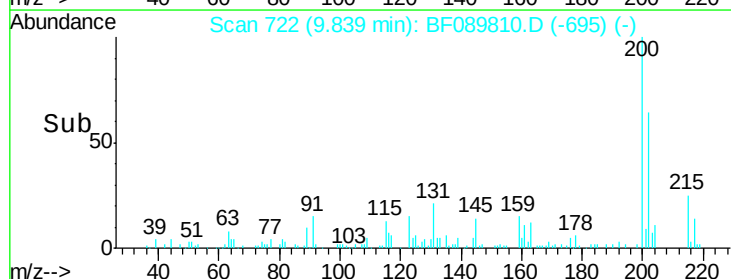
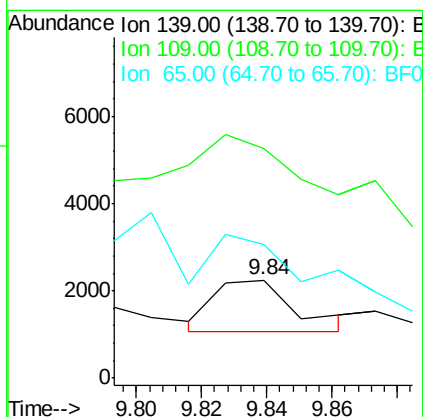
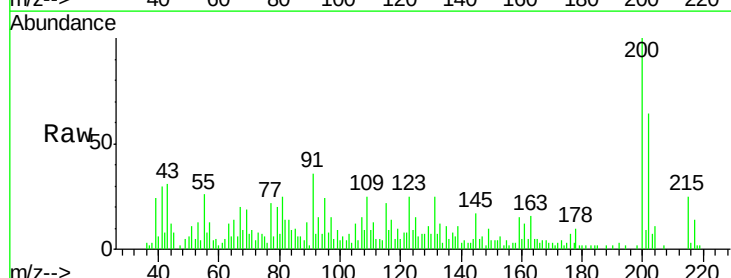
Tgt Ion:139 Resp: 2048

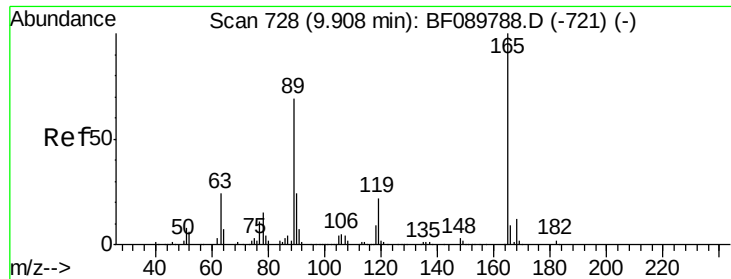
Ion Ratio Lower Upper

139 100

109 233.9 43.0 83.0#

65 135.9 55.7 95.7#

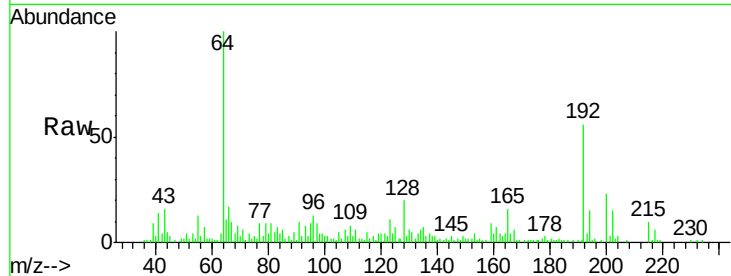




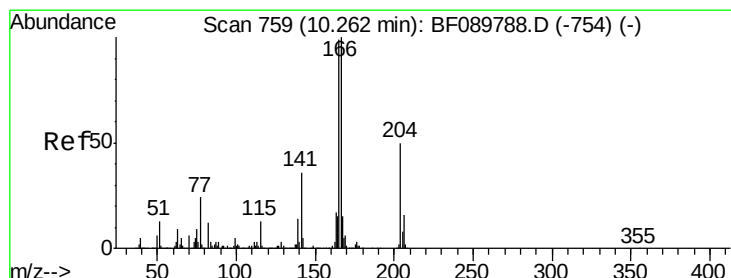
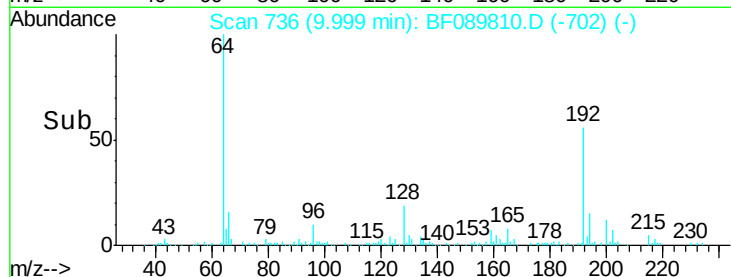
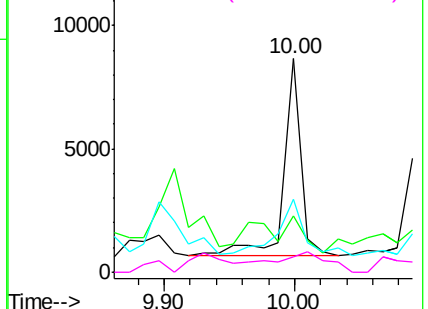
#56
2,4-Dinitrotoluene
Concen: 0.36 ng
RT: 10.00 min Scan# 736
Delta R.T. 0.09 min
Lab File: BF089810.D
Acq: 19 Aug 2016 21:47

Instrument :
BNA_F
ClientSampleId :
SYSDIS-081916

Tgt Ion:165 Resp: 7320
Ion Ratio Lower Upper
165 100
63 26.2 23.7 35.5
89 34.2 44.0 66.0#
182 7.4 2.0 3.0#

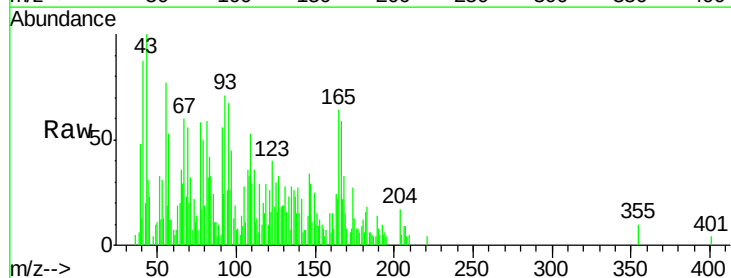


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

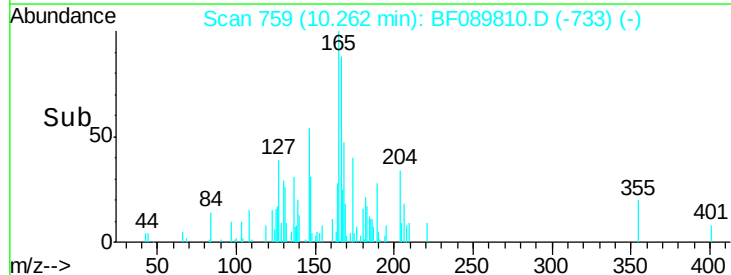
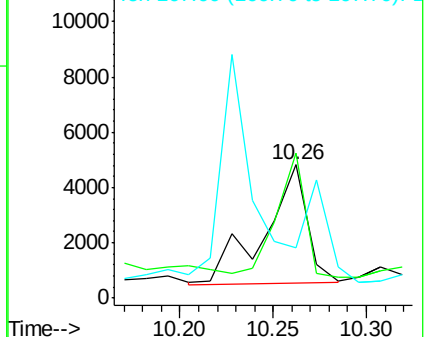


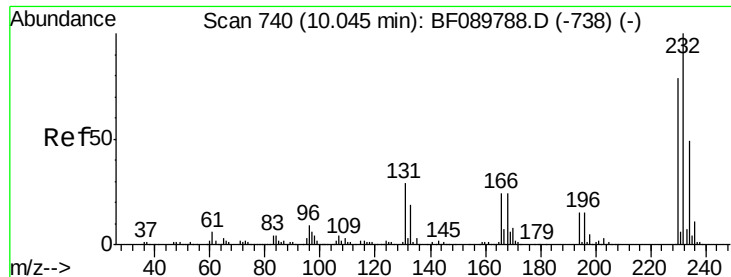
#57
Fluorene
Concen: 0.12 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF089810.D
Acq: 19 Aug 2016 21:47

Tgt Ion:166 Resp: 6922
Ion Ratio Lower Upper
166 100
165 108.4 80.2 120.4
167 37.6 11.3 16.9#



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

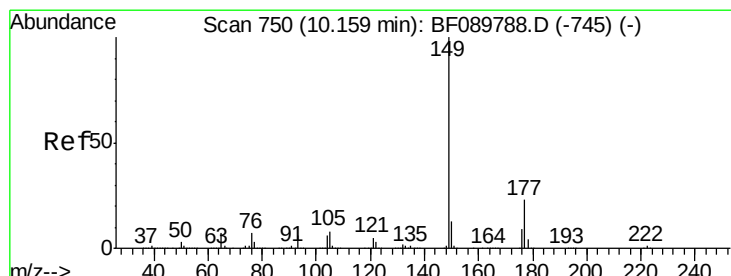
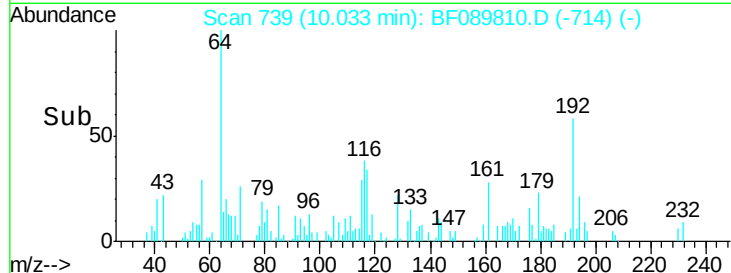
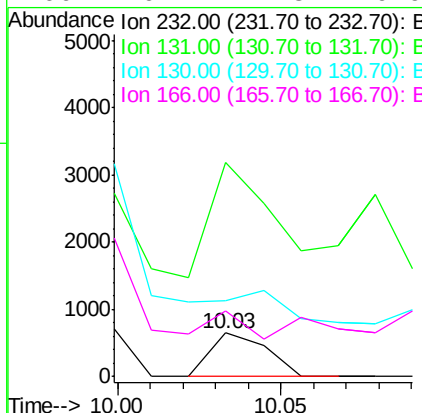
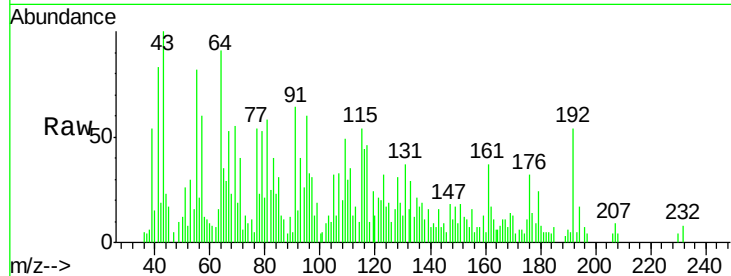




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.05 ng
 RT: 10.03 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF089810.D
 Acq: 19 Aug 2016 21:47

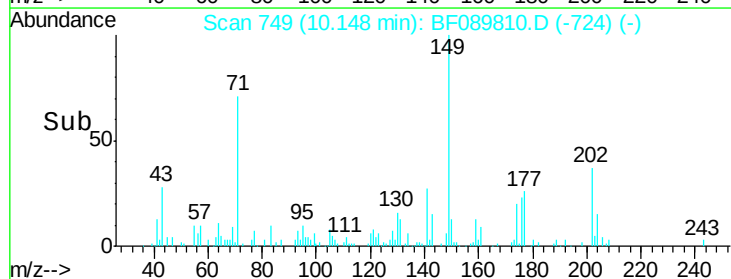
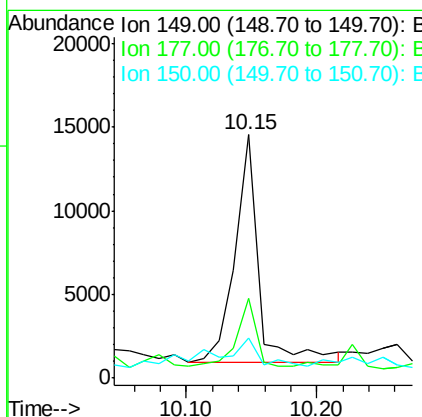
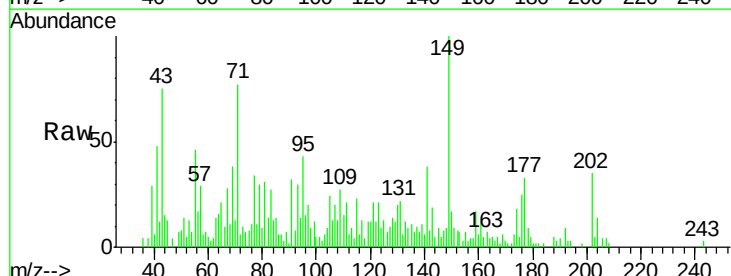
Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-081916

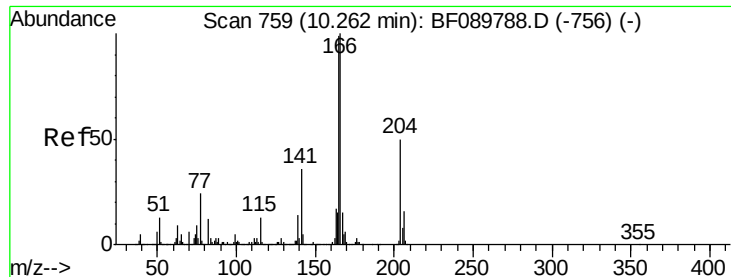
Tgt Ion:232 Resp: 759
 Ion Ratio Lower Upper
 232 100
 131 377.5 42.5 63.7#
 130 0.0 2.2 3.4#
 166 40.7 27.3 40.9



#59
 Diethylphthalate
 Concen: 0.25 ng
 RT: 10.15 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF089810.D
 Acq: 19 Aug 2016 21:47

Tgt Ion:149 Resp: 16880
 Ion Ratio Lower Upper
 149 100
 177 32.7 16.6 25.0#
 150 16.7 10.5 15.7#

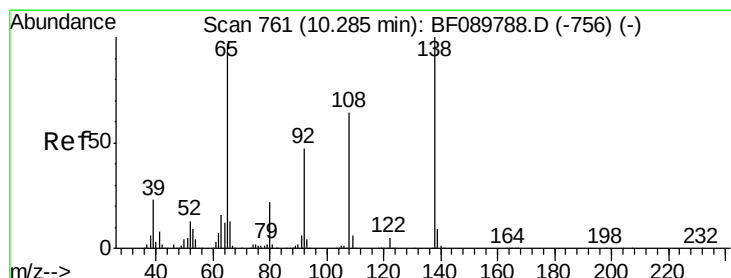
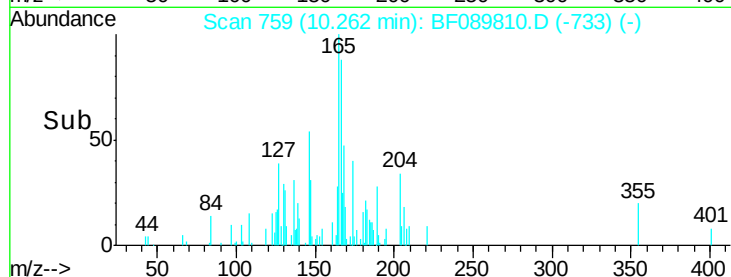
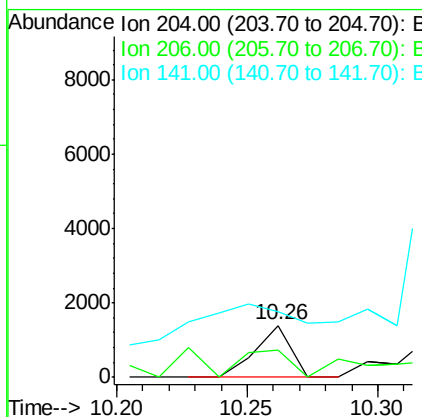
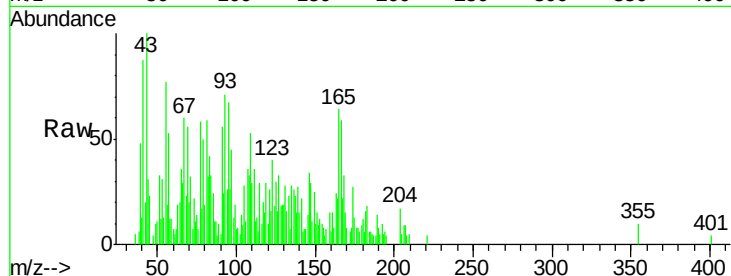




#60
 4-Chlorophenyl-phenylether
 Concen: 0.05 ng
 RT: 10.26 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF089810.D
 Acq: 19 Aug 2016 21:47

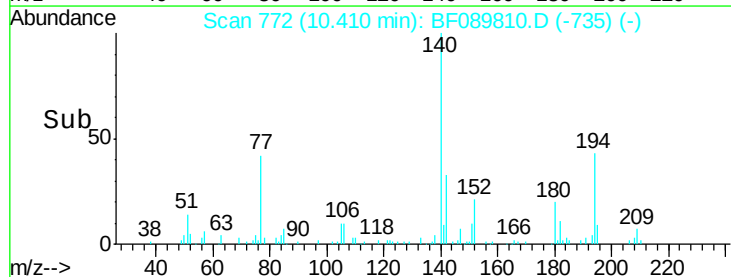
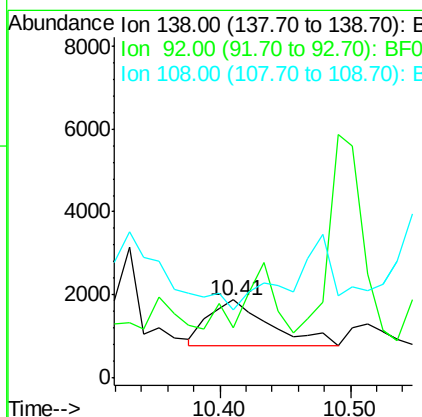
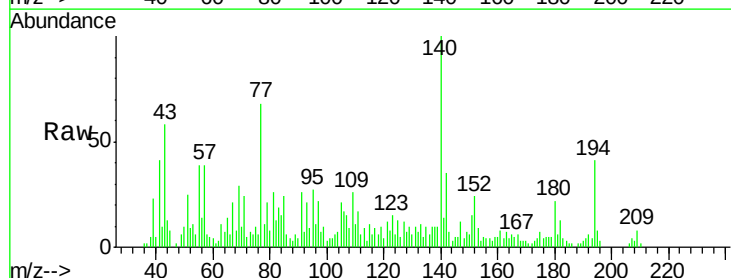
Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-081916

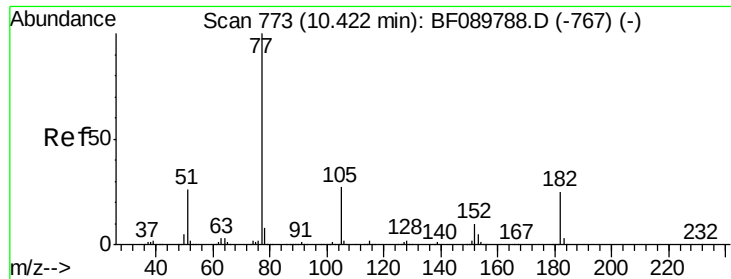
Tgt Ion: 204 Resp: 1321
 Ion Ratio Lower Upper
 204 100
 206 53.5 26.5 39.7#
 141 126.1 54.1 81.1#



#61
 4-Nitroaniline
 Concen: 0.22 ng
 RT: 10.41 min Scan# 772
 Delta R.T. 0.13 min
 Lab File: BF089810.D
 Acq: 19 Aug 2016 21:47

Tgt Ion: 138 Resp: 3561
 Ion Ratio Lower Upper
 138 100
 92 64.1 26.4 66.4
 108 86.7 47.0 87.0

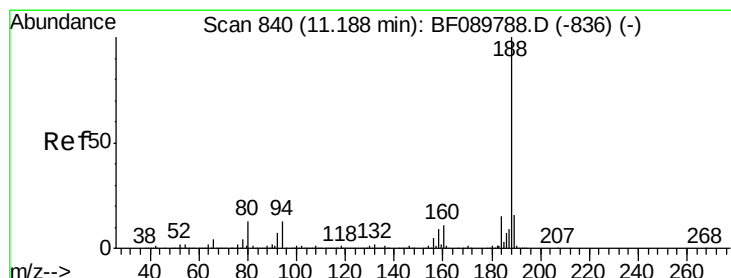
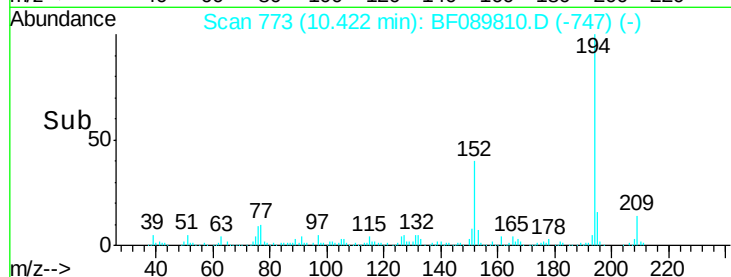
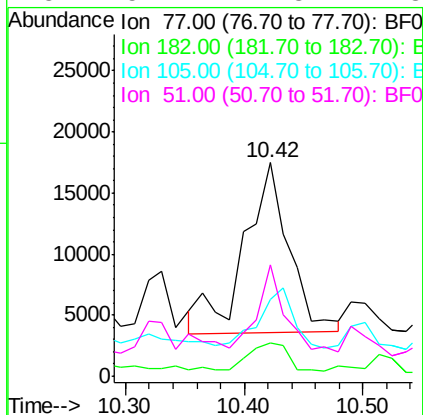
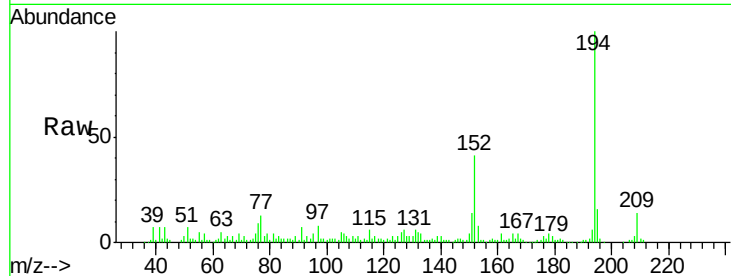




#62
Azobenzene
Concen: 0.57 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF089810.D
Acq: 19 Aug 2016 21:47

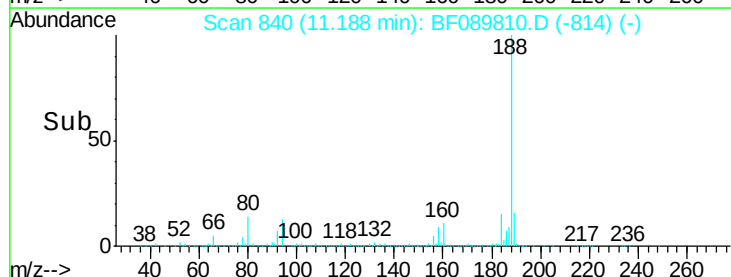
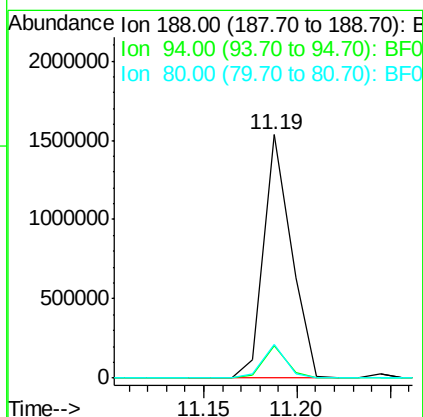
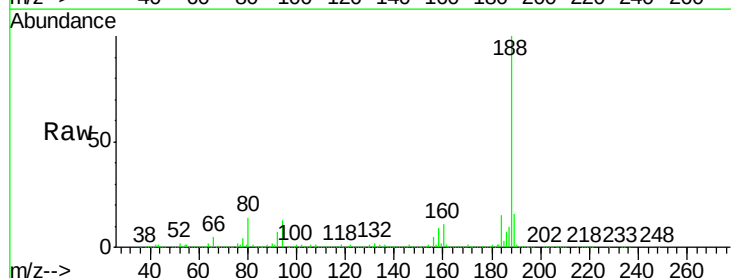
Instrument :
BNA_F
ClientSampleId :
SYSDIS-081916

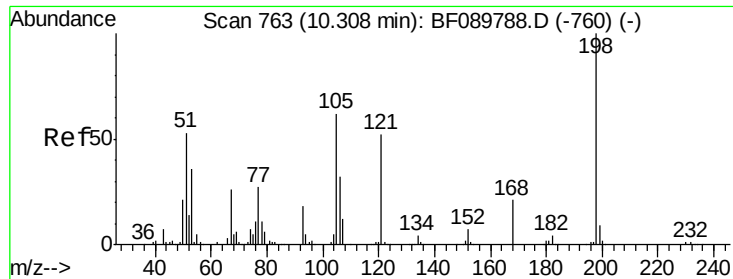
Tgt Ion:	77	Resp:	36620
Ion	Ratio	Lower	Upper
77	100		
182	15.9	5.6	45.6
105	35.8	4.0	44.0
51	52.4	7.8	47.8#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF089810.D
Acq: 19 Aug 2016 21:47

Tgt Ion:	188	Resp:	1577017
Ion	Ratio	Lower	Upper
188	100		
94	13.3	10.2	15.2
80	14.0	10.9	16.3





#64

4,6-Dinitro-2-methylphenol

Concen: 0.03 ng

RT: 10.34 min Scan# 766

Delta R.T. 0.03 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

Instrument :

BNA_F

ClientSampleId :

SYSDIS-081916

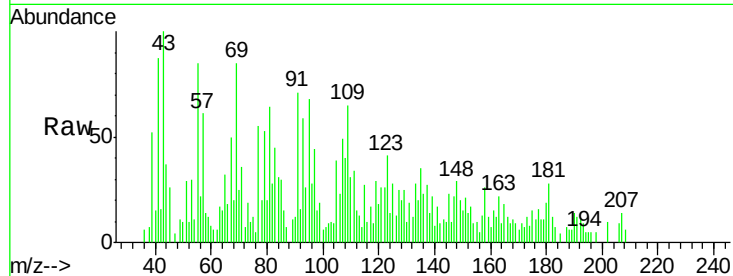
Tgt Ion:198 Resp: 266

Ion Ratio Lower Upper

198 100

51 554.6 32.3 72.3#

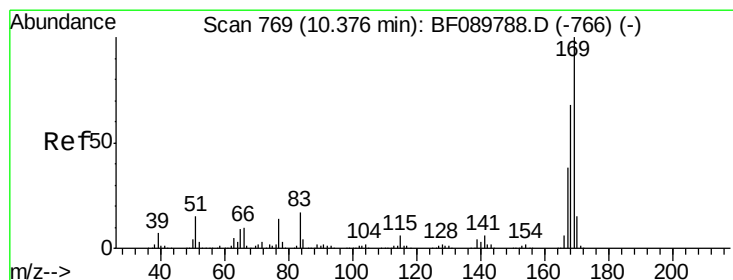
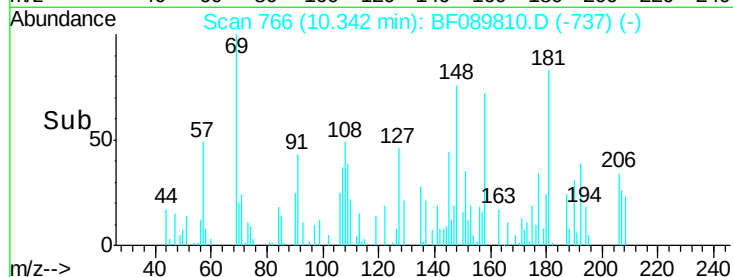
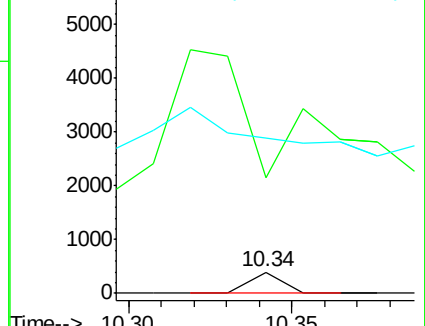
105 744.6 32.9 72.9#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 0.13 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

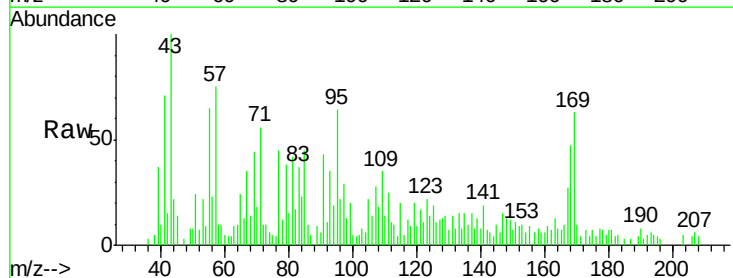
Tgt Ion:169 Resp: 6539

Ion Ratio Lower Upper

169 100

168 75.1 54.6 82.0

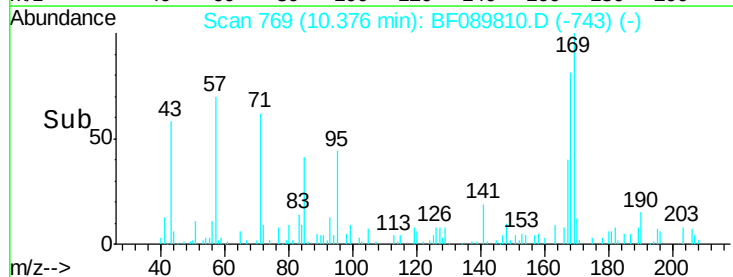
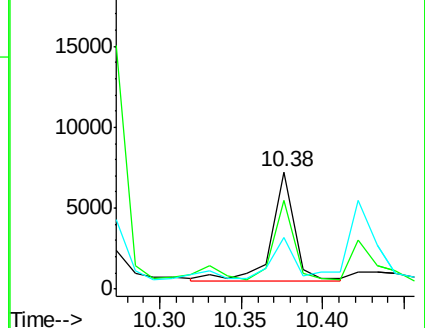
167 43.7 30.6 45.8

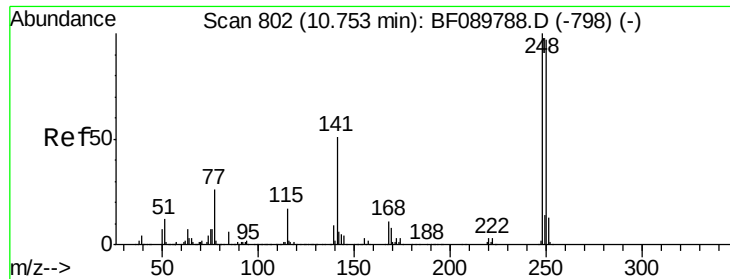


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

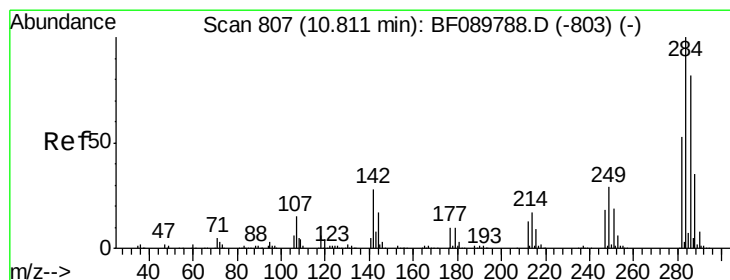
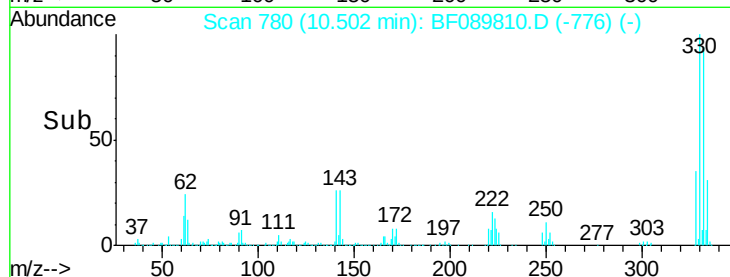
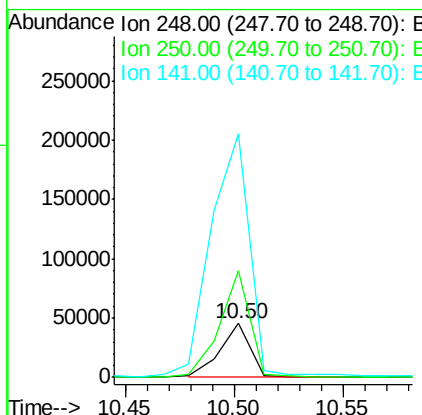
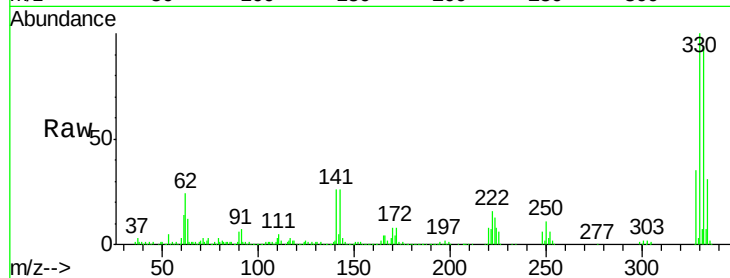




#66
4-Bromophenyl-phenylether
Concen: 2.58 ng
RT: 10.50 min Scan# 780
Delta R.T. -0.25 min
Lab File: BF089810.D
Acq: 19 Aug 2016 21:47

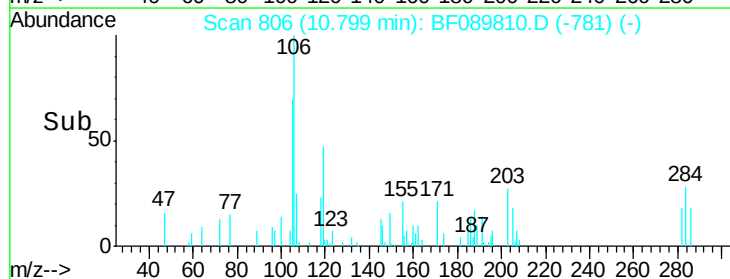
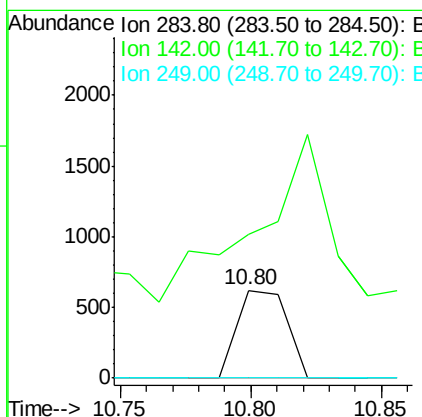
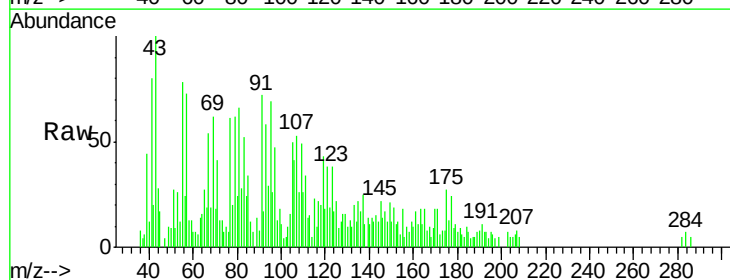
Instrument :
BNA_F
ClientSampleId :
SYSDIS-081916

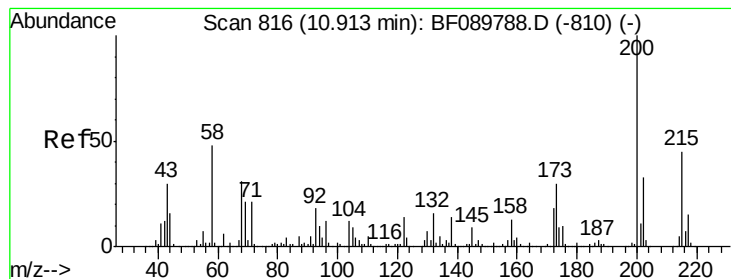
Tgt Ion:248 Resp: 42652
Ion Ratio Lower Upper
248 100
250 197.9 78.6 117.8#
141 453.5 31.4 47.2#



#67
Hexachlorobenzene
Concen: 0.04 ng
RT: 10.80 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF089810.D
Acq: 19 Aug 2016 21:47

Tgt Ion:284 Resp: 833
Ion Ratio Lower Upper
284 100
142 163.9 17.4 26.2#
249 0.0 22.8 34.2#





#68

Atrazine

Concen: 0.06 ng

RT: 10.91 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

Instrument :

BNA_F

ClientSampleId :

SYSDIS-081916

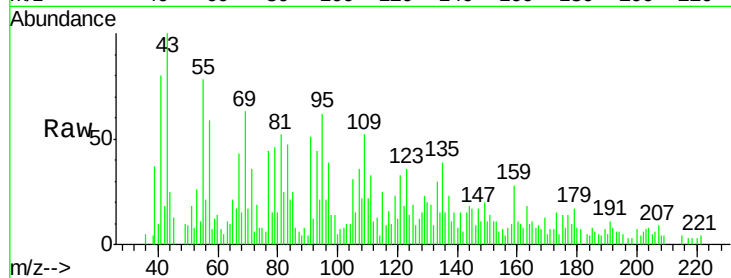
Tgt Ion:200 Resp: 968

Ion Ratio Lower Upper

200 100

173 229.5 6.6 46.6#

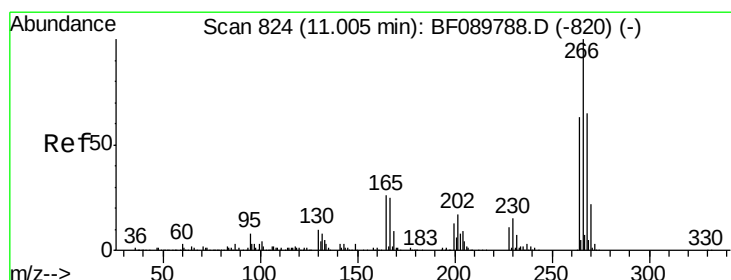
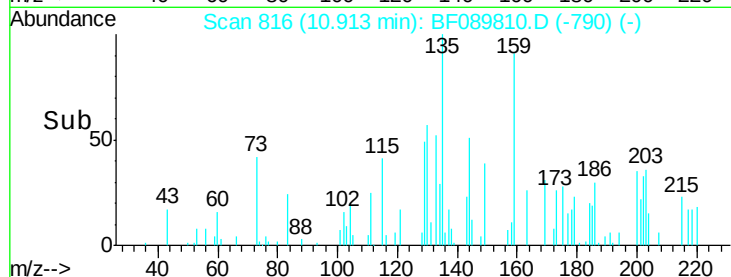
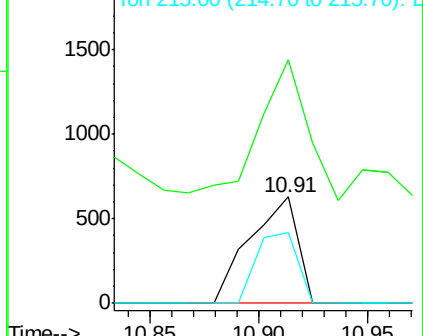
215 66.5 24.7 64.7#



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: 0.14 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

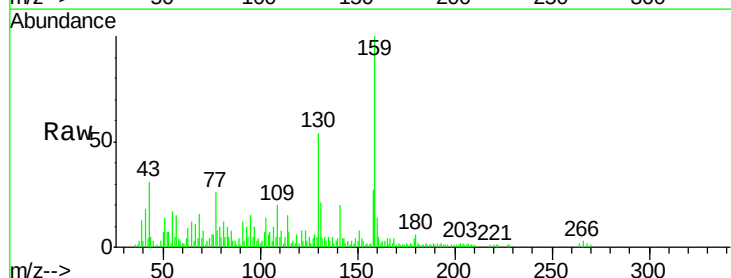
Tgt Ion:266 Resp: 1518

Ion Ratio Lower Upper

266 100

268 76.8 53.2 79.8

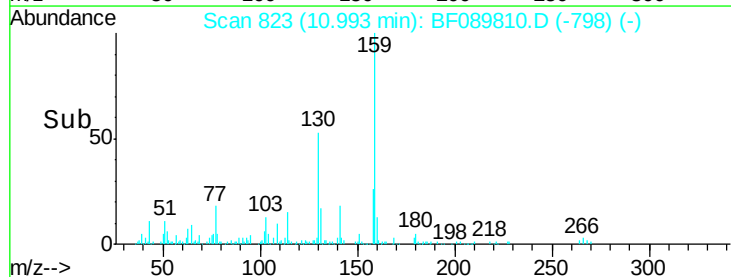
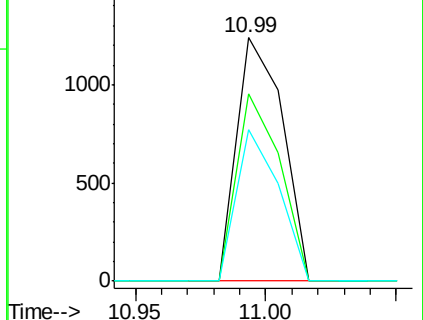
264 62.1 51.1 76.7

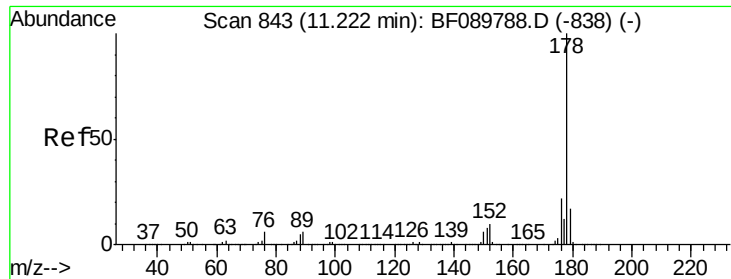


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

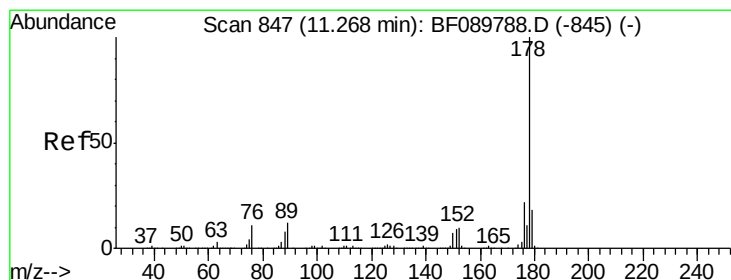
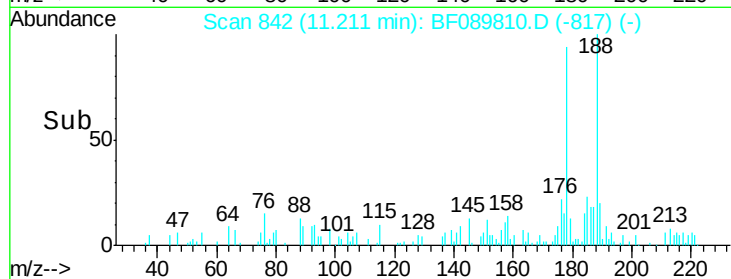
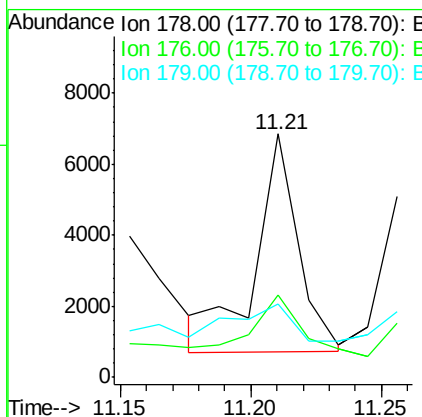
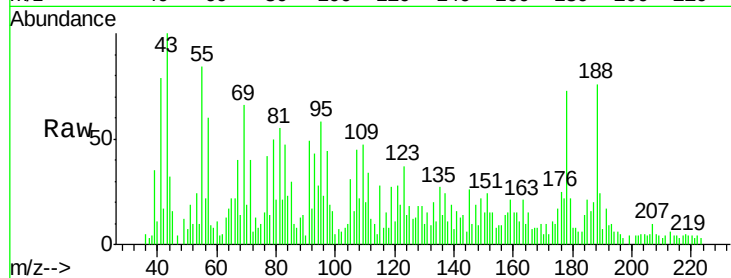




#70
Phenanthrene
Concen: 0.09 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF089810.D
Acq: 19 Aug 2016 21:47

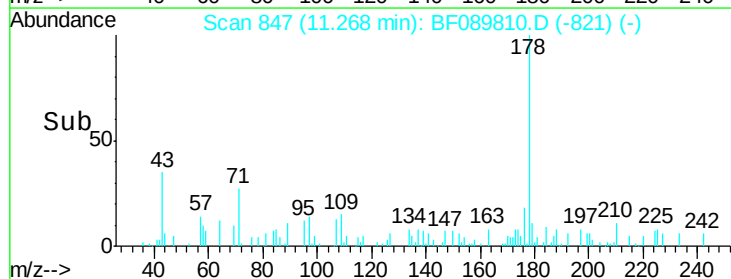
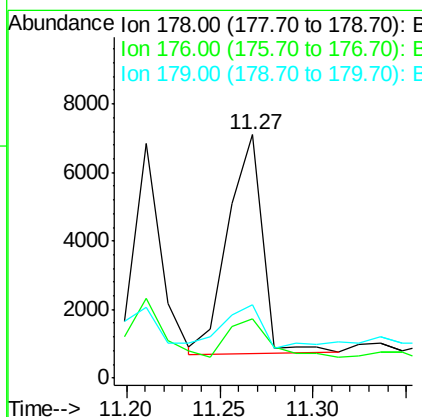
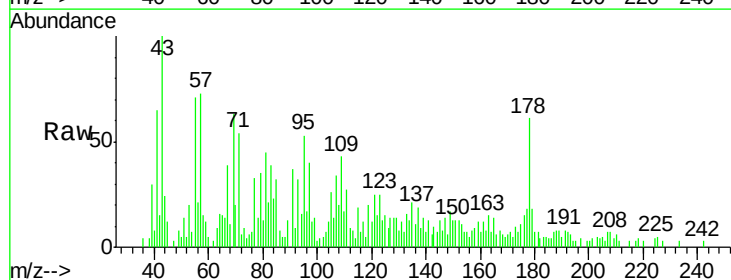
Instrument :
BNA_F
ClientSampleId :
SYSDIS-081916

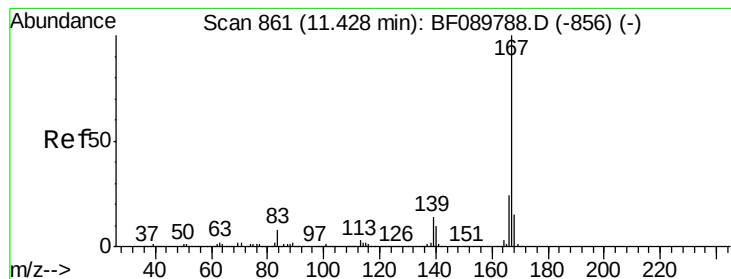
Tgt Ion:178 Resp: 6851
Ion Ratio Lower Upper
178 100
176 34.0 16.4 24.6#
179 30.1 12.5 18.7#



#71
Anthracene
Concen: 0.10 ng
RT: 11.27 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF089810.D
Acq: 19 Aug 2016 21:47

Tgt Ion:178 Resp: 8259
Ion Ratio Lower Upper
178 100
176 24.4 16.4 24.6
179 29.9 13.1 19.7#





#72

Carbazole

Concen: 0.14 ng

RT: 11.42 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

Instrument :

BNA_F

ClientSampleId :

SYSDIS-081916

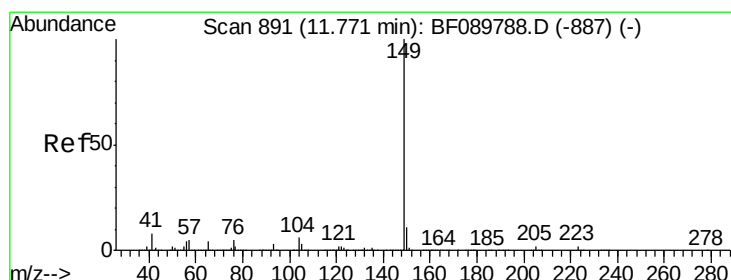
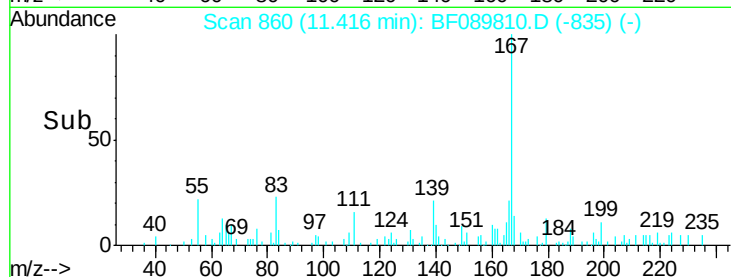
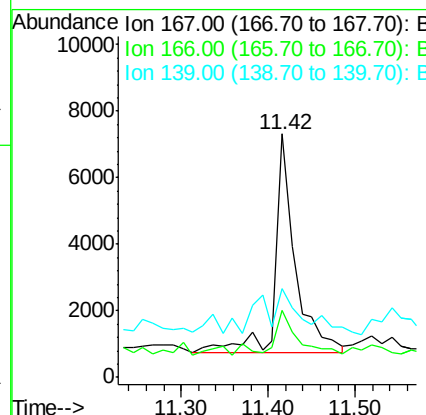
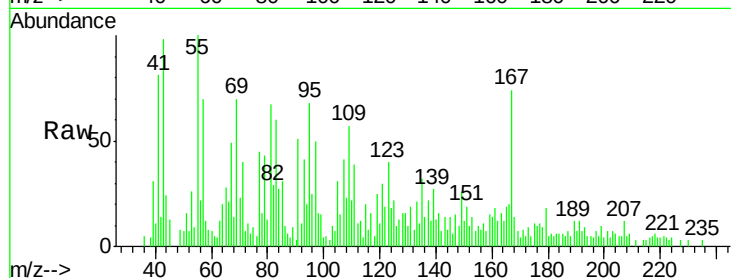
Tgt Ion:167 Resp: 10471

Ion Ratio Lower Upper

167 100

166 27.6 17.9 26.9#

139 36.7 12.4 18.6#



#73

Di-n-butylphthalate

Concen: 0.25 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.00 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

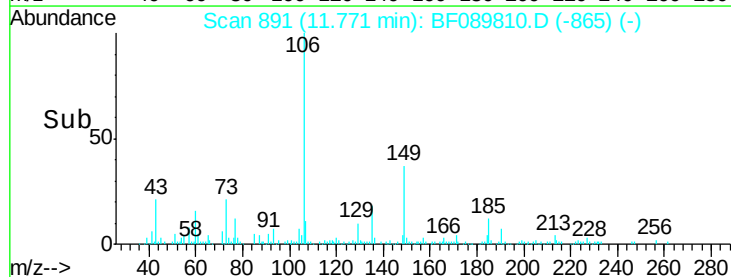
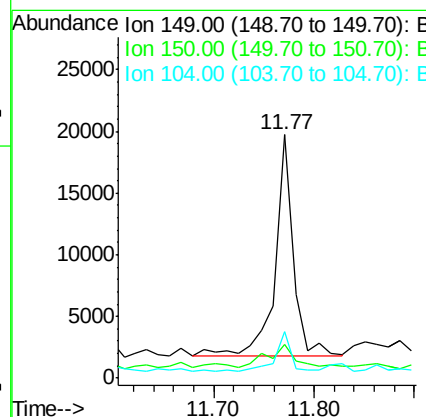
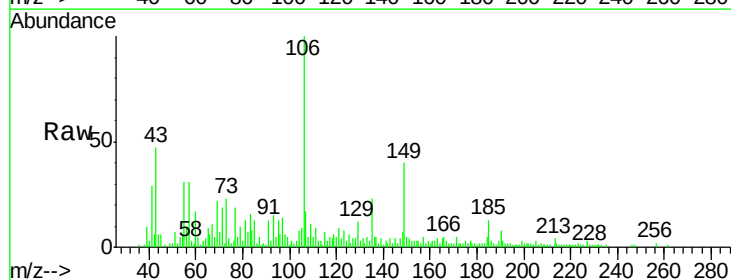
Tgt Ion:149 Resp: 22663

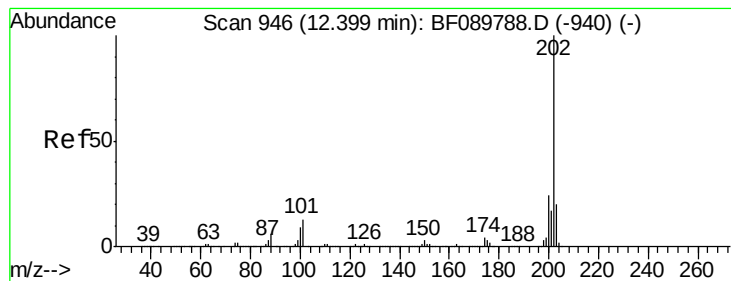
Ion Ratio Lower Upper

149 100

150 13.6 7.9 11.9#

104 19.3 4.3 6.5#





#74

Fluoranthene

Concen: 0.05 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

Instrument :

BNA_F

ClientSampleId :

SYSDIS-081916

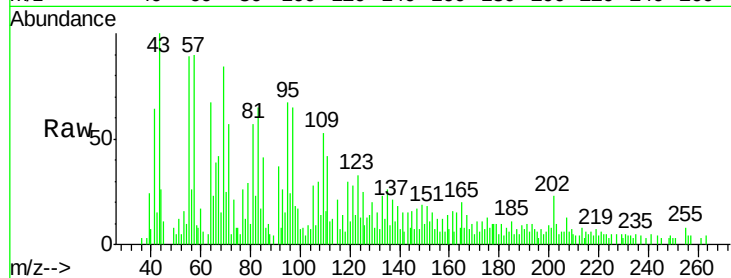
Tgt Ion:202 Resp: 3412

Ion Ratio Lower Upper

202 100

101 35.3 0.0 31.2#

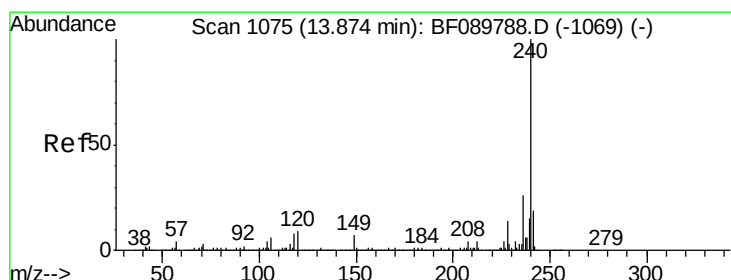
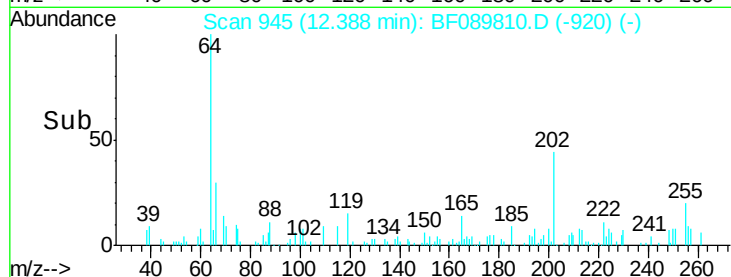
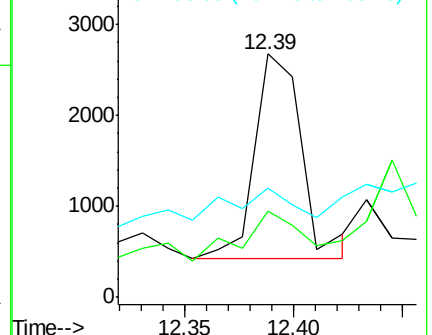
203 44.7 0.0 38.1#



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: 13.83 min Scan# 1071

Delta R.T. -0.05 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

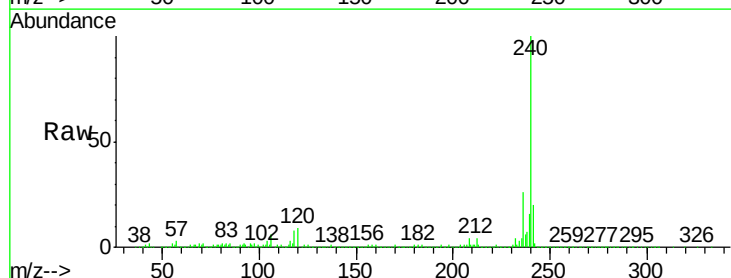
Tgt Ion:240 Resp: 1112739

Ion Ratio Lower Upper

240 100

120 8.8 8.3 12.5

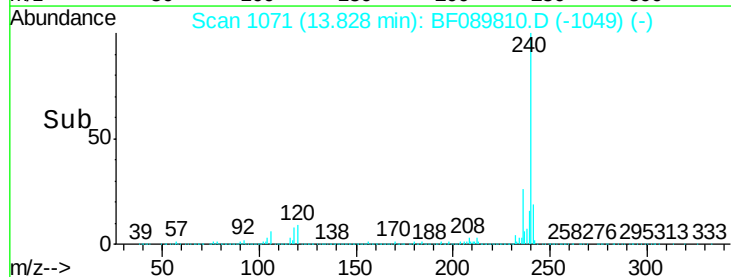
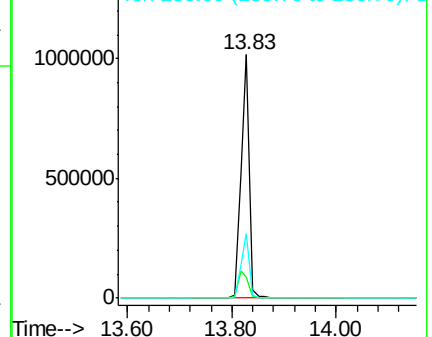
236 26.5 21.3 31.9

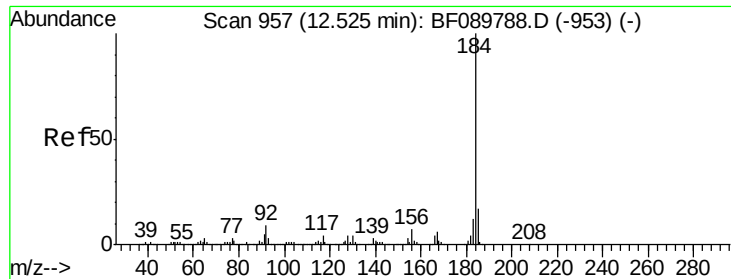


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.04 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

Instrument :

BNA_F

ClientSampleId :

SYSDIS-081916

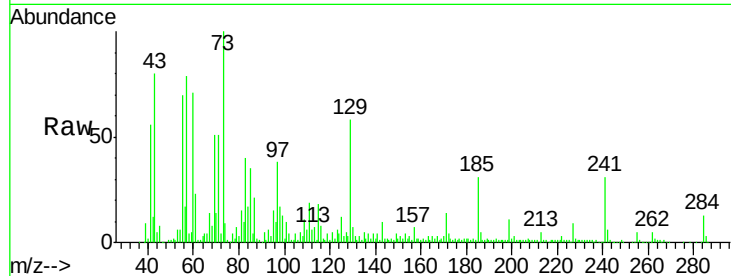
Tgt Ion:184 Resp: 1356

Ion Ratio Lower Upper

184 100

185 3038.3 13.8 20.8#

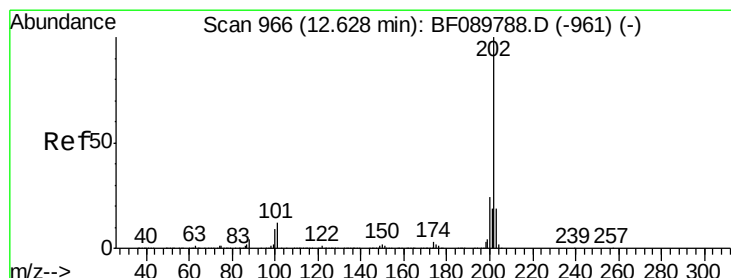
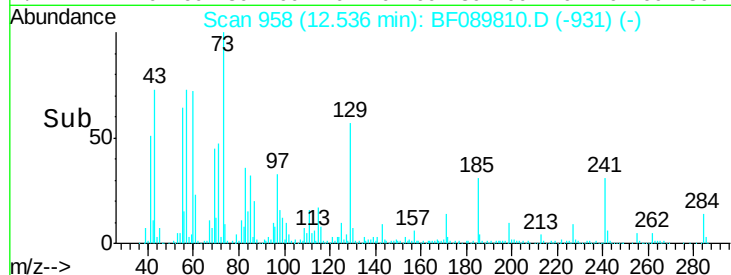
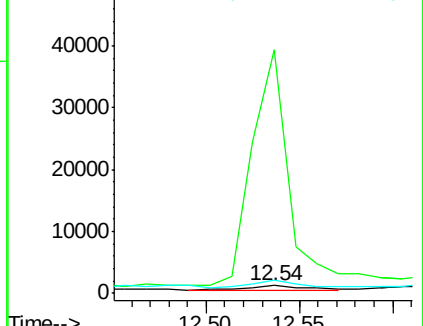
183 165.0 9.7 14.5#



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: 0.04 ng

RT: 12.62 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

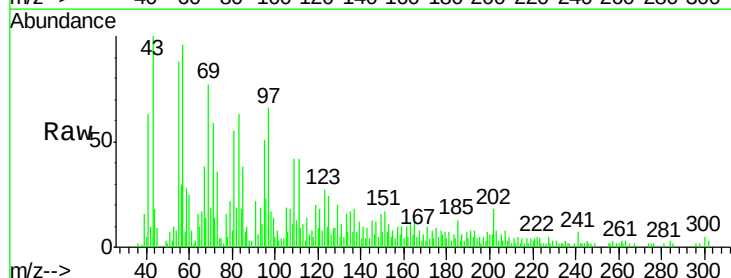
Tgt Ion:202 Resp: 3871

Ion Ratio Lower Upper

202 100

200 35.3 17.8 26.6#

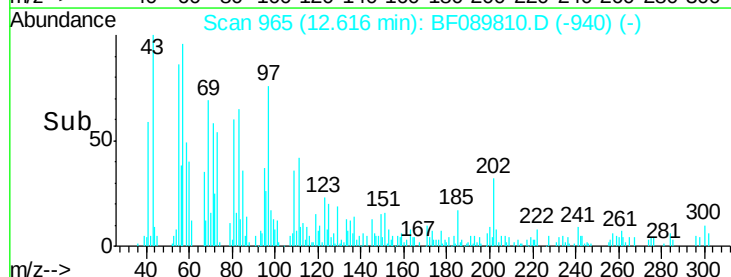
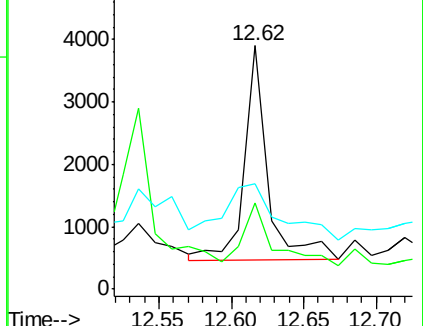
203 43.1 14.2 21.4#

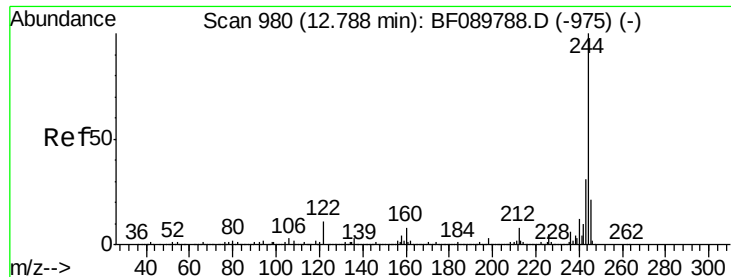


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 53.50 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

Instrument :

BNA_F

ClientSampleId :

SYSDIS-081916

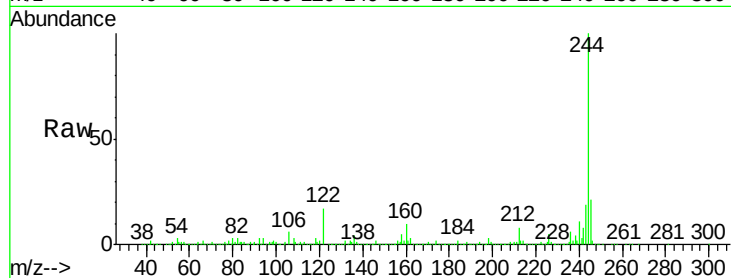
Tgt Ion:244 Resp: 2631377

Ion Ratio Lower Upper

244 100

212 8.2 6.3 9.5

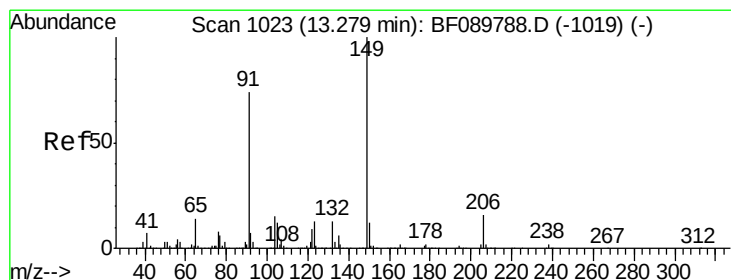
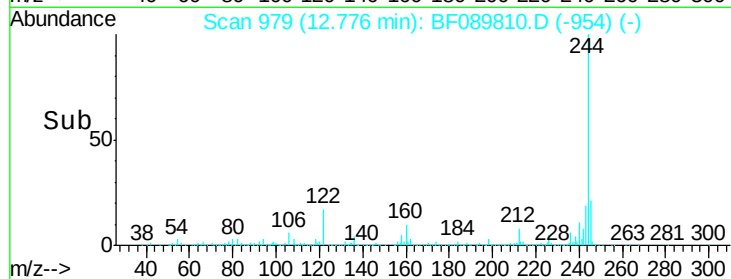
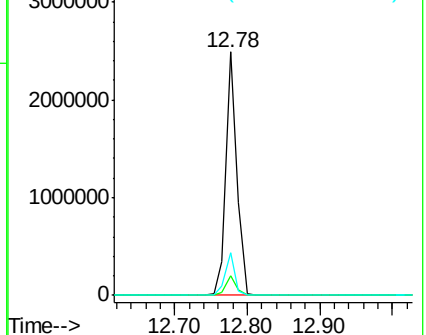
122 17.5 12.0 18.0



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: 0.09 ng

RT: 13.26 min Scan# 1021

Delta R.T. -0.02 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

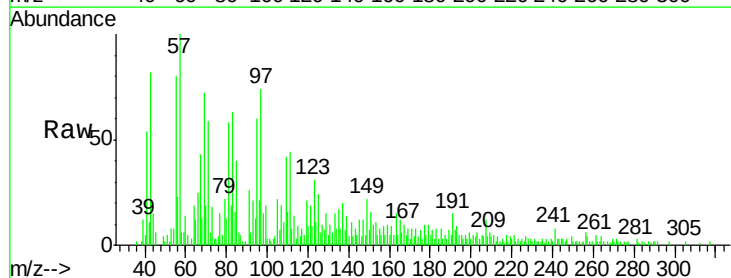
Tgt Ion:149 Resp: 3780

Ion Ratio Lower Upper

149 100

91 116.0 50.7 76.1#

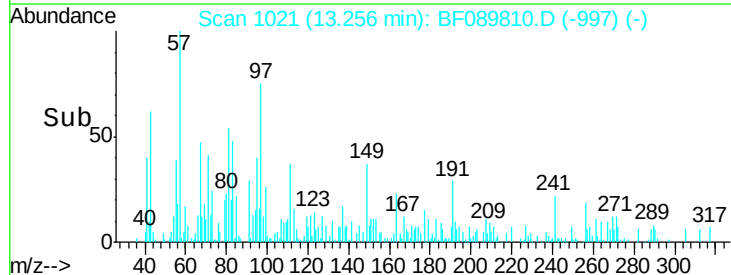
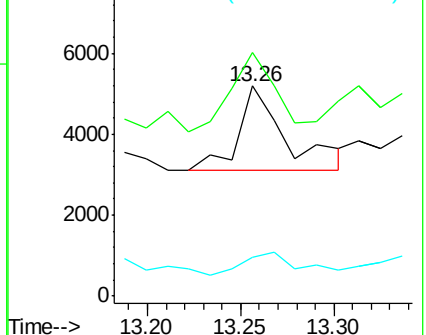
206 18.3 15.5 23.3

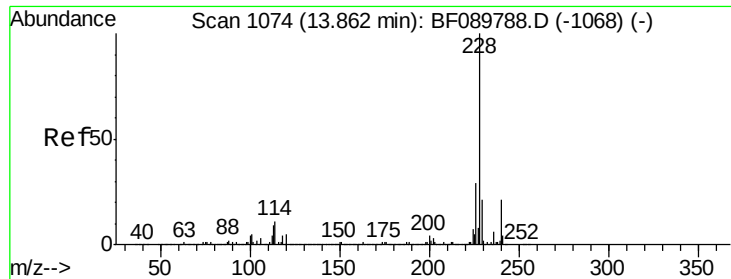


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.13 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.05 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

Instrument :

BNA_F

ClientSampleId :

SYSDIS-081916

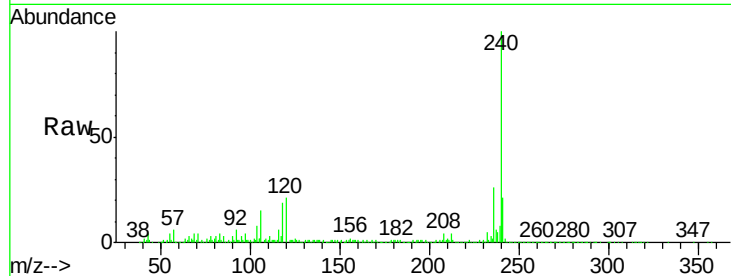
Tgt Ion:228 Resp: 8288

Ion Ratio Lower Upper

228 100

226 23.5 23.2 34.8

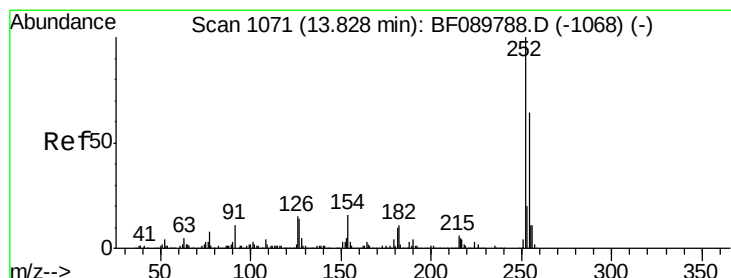
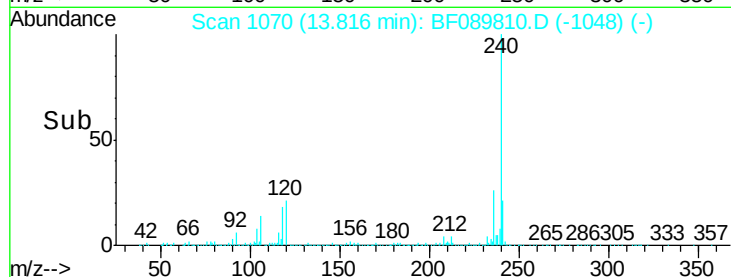
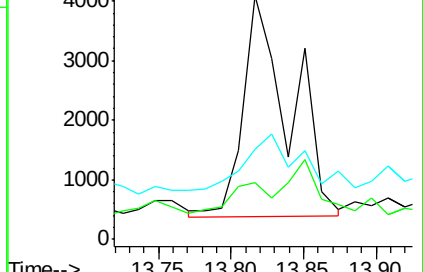
229 37.2 16.2 24.4#



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: 0.13 ng

RT: 13.78 min Scan# 1067

Delta R.T. -0.05 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

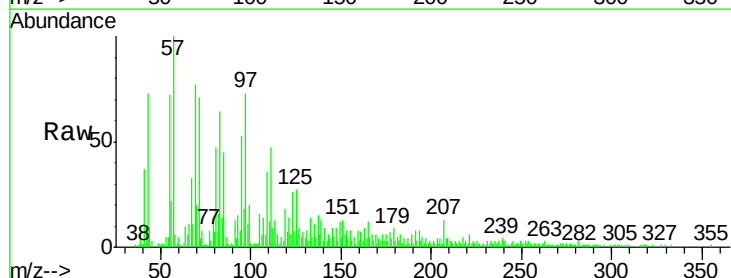
Tgt Ion:252 Resp: 2710

Ion Ratio Lower Upper

252 100

254 97.0 50.6 75.8#

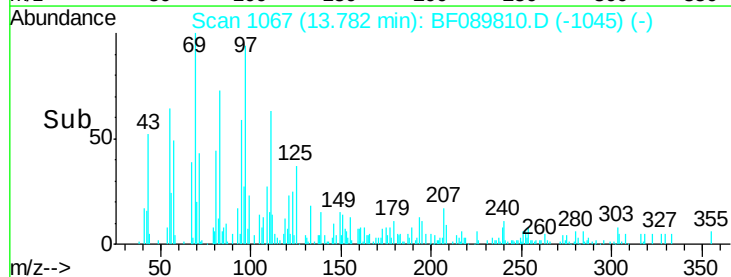
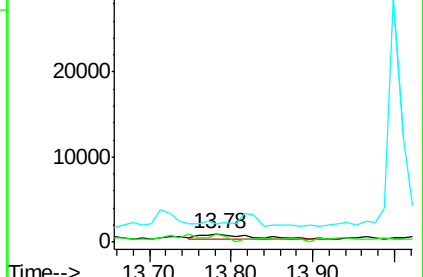
126 216.1 12.6 18.8#

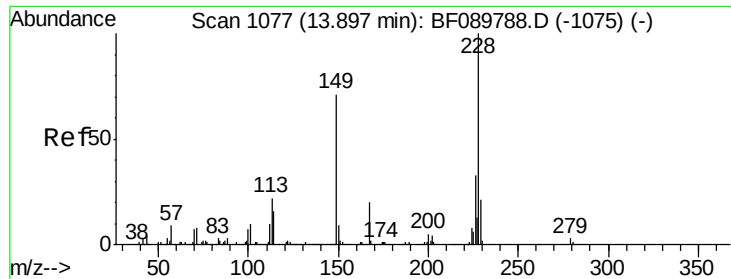


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 0.15 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.08 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

Instrument :

BNA_F

ClientSampleId :

SYSDIS-081916

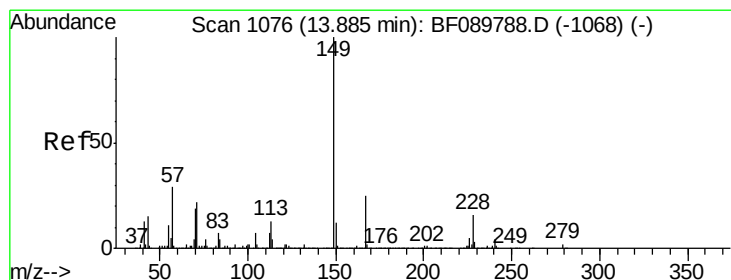
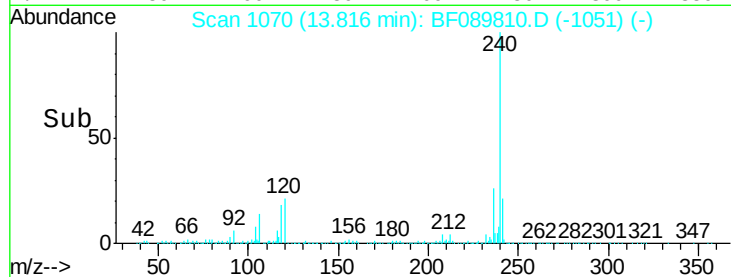
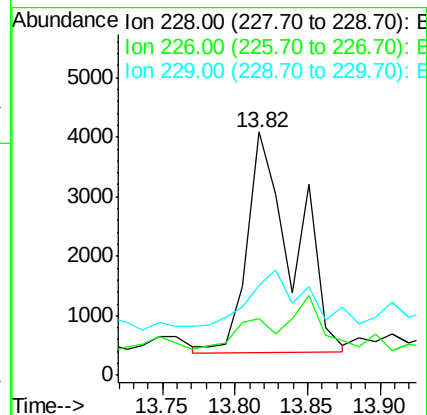
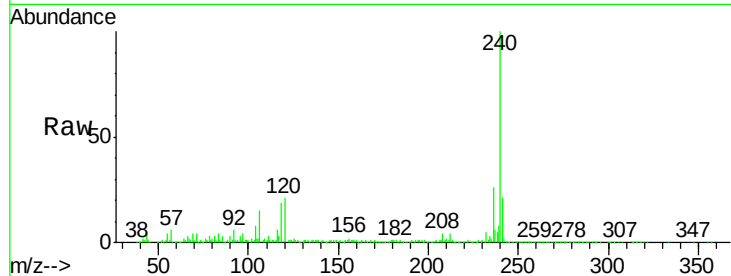
Tgt Ion:228 Resp: 8230

Ion Ratio Lower Upper

228 100

226 23.5 25.4 38.0#

229 37.2 16.5 24.7#



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.18 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.05 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

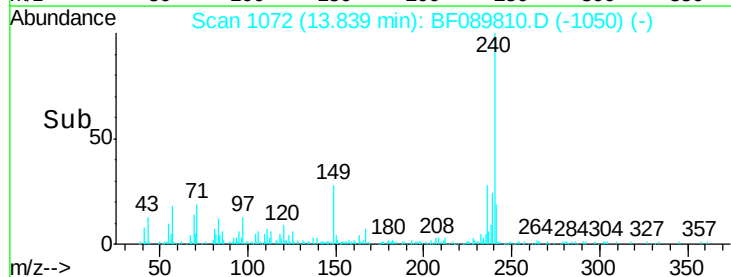
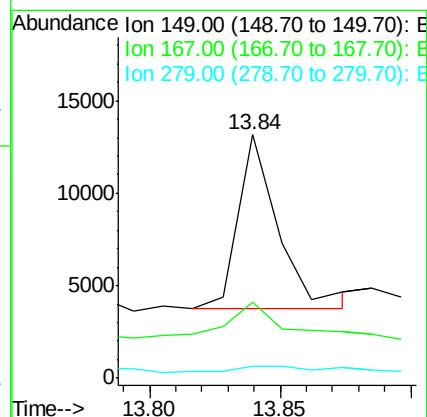
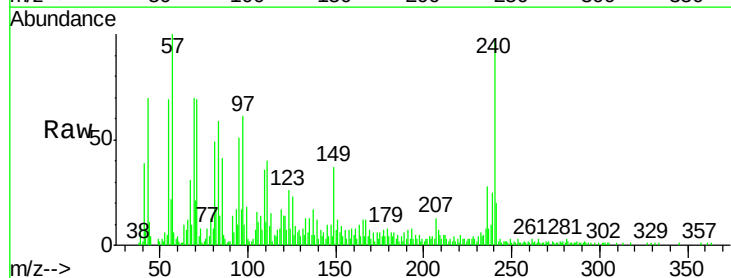
Tgt Ion:149 Resp: 10265

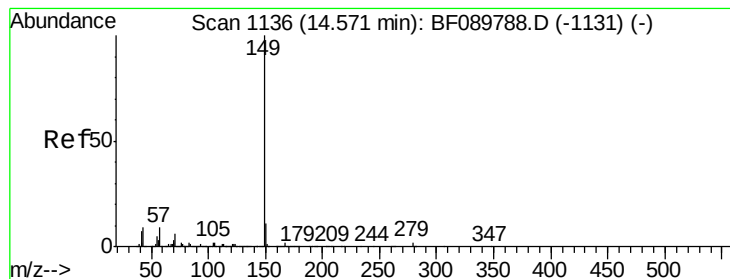
Ion Ratio Lower Upper

149 100

167 31.4 21.2 31.8

279 4.9 2.9 4.3#





#84

Di-n-octyl phthalate

Concen: 0.14 ng

RT: 14.48 min Scan# 1128

Delta R.T. -0.09 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

Instrument :

BNA_F

ClientSampleId :

SYSDIS-081916

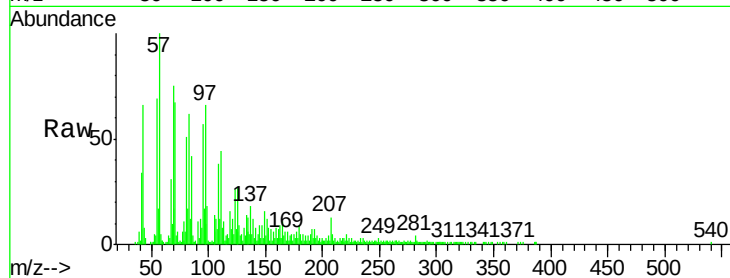
Tgt Ion:149 Resp: 10650

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

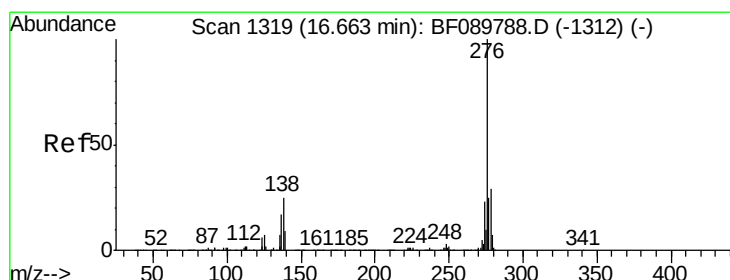
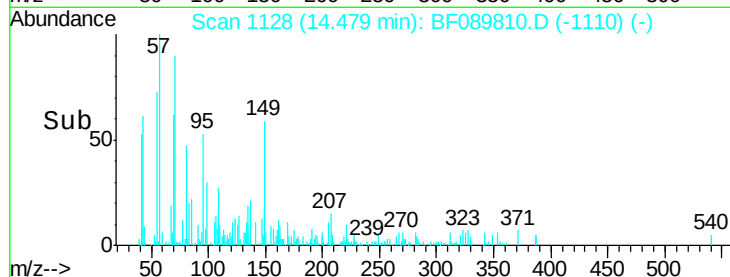
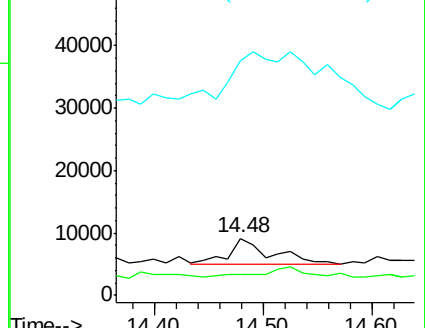
43 0.0 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.04 ng

RT: 16.53 min Scan# 1307

Delta R.T. -0.14 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

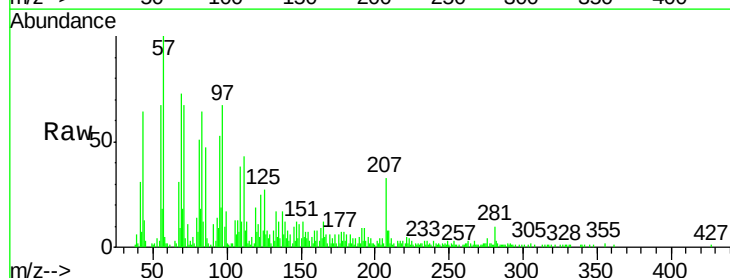
Tgt Ion:276 Resp: 2785

Ion Ratio Lower Upper

276 100

138 146.0 24.6 36.8#

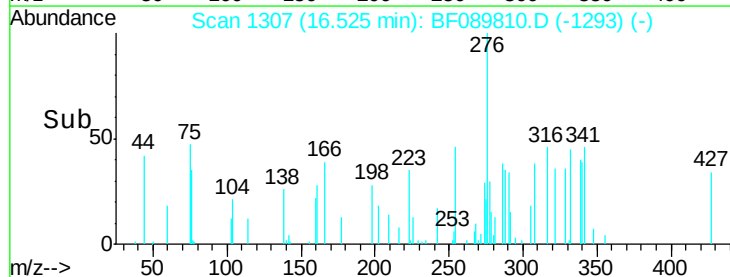
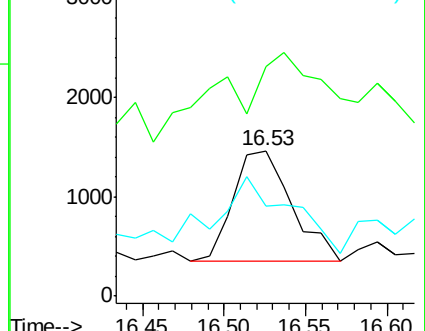
277 0.0 20.4 30.6#

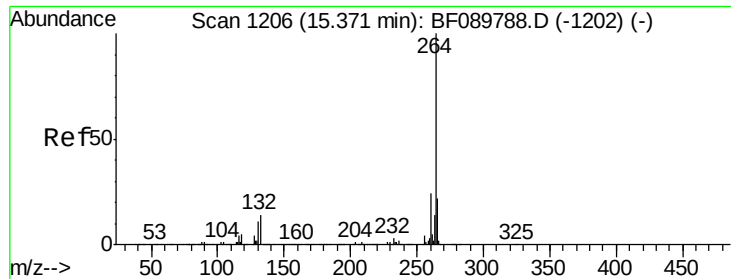


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



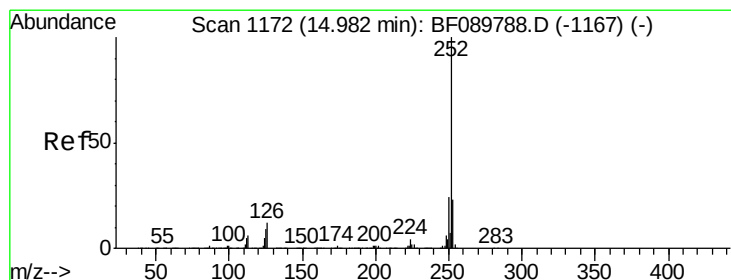
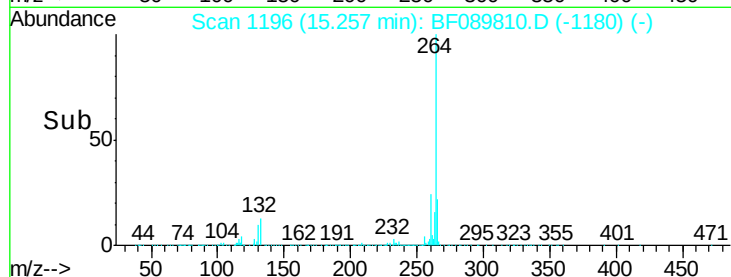
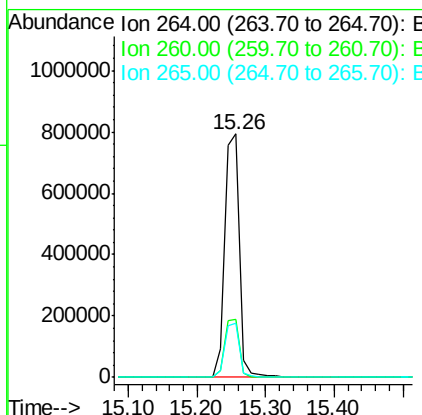
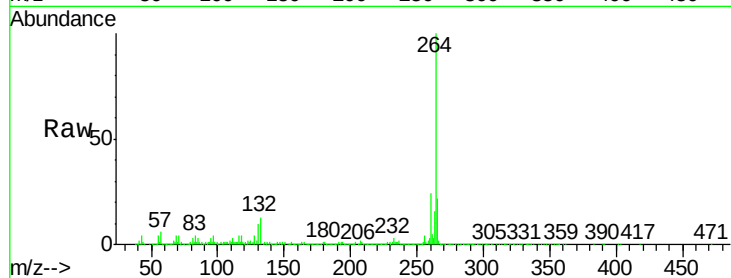


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.26 min Scan# 1196
Delta R.T. -0.11 min
Lab File: BF089810.D
Acq: 19 Aug 2016 21:47

Instrument :
BNA_F
ClientSampleId :
SYSDIS-081916

Tgt Ion:264 Resp: 1189752

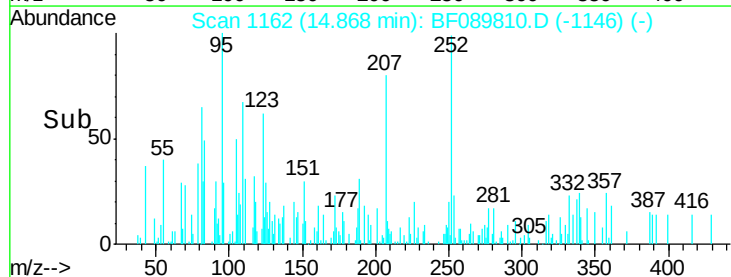
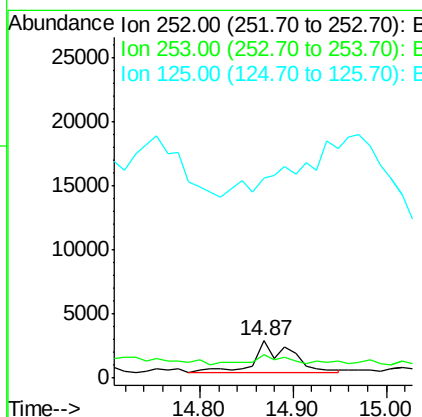
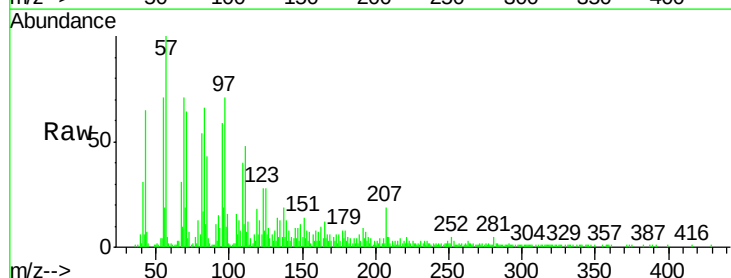
Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.2	30.2
265	22.1	17.4	26.2

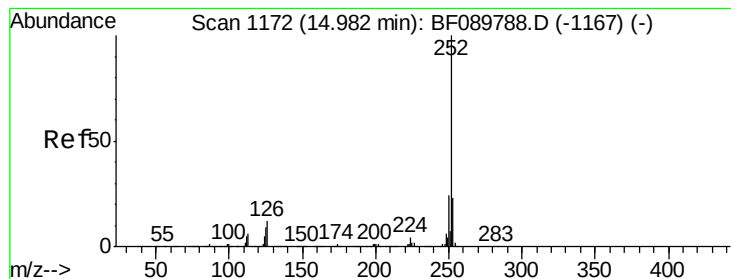


#87
Benzo(b)fluoranthene
Concen: 0.10 ng
RT: 14.87 min Scan# 1162
Delta R.T. -0.11 min
Lab File: BF089810.D
Acq: 19 Aug 2016 21:47

Tgt Ion:252 Resp: 6562

Ion	Ratio	Lower	Upper
252	100		
253	63.5	17.8	26.8#
125	541.1	11.4	17.2#





#88

Benzo(k)fluoranthene

Concen: 0.11 ng

RT: 14.87 min Scan# 1162

Delta R.T. -0.14 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

Instrument :

BNA_F

ClientSampleId :

SYSDIS-081916

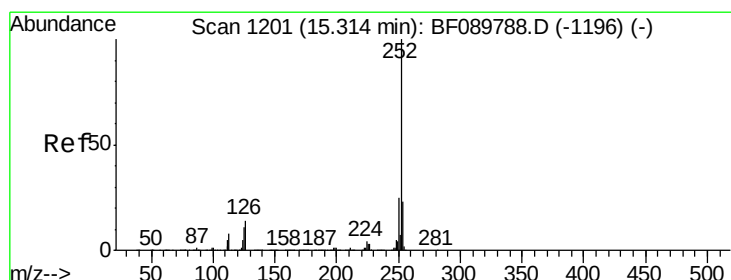
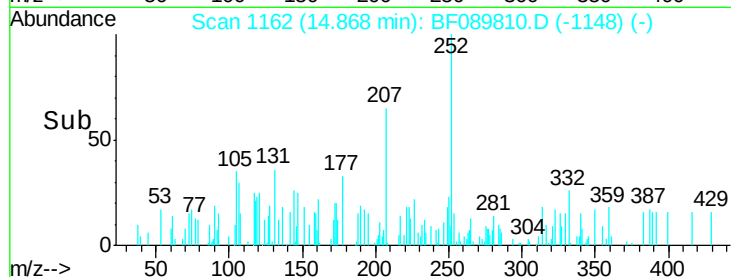
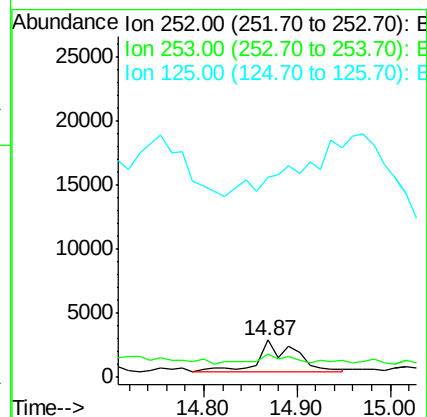
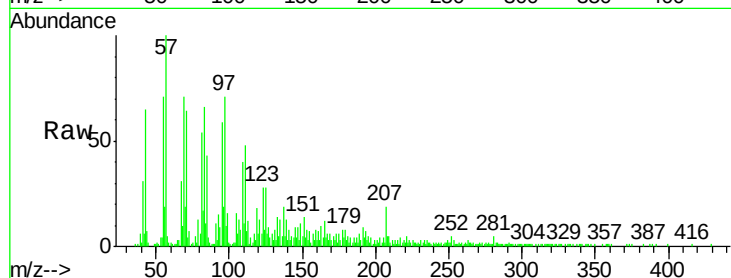
Tgt Ion:252 Resp: 6562

Ion Ratio Lower Upper

252 100

253 63.5 18.4 27.6#

125 541.1 9.8 14.6#



#89

Benzo(a)pyrene

Concen: 0.04 ng

RT: 15.19 min Scan# 1190

Delta R.T. -0.13 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

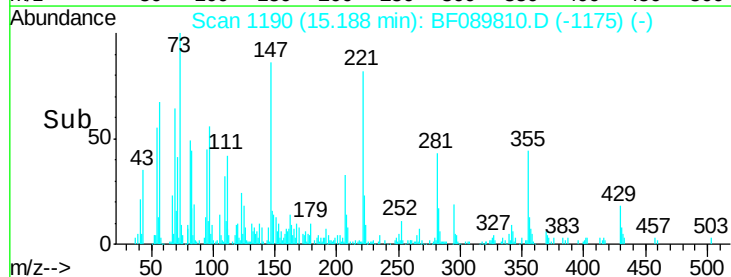
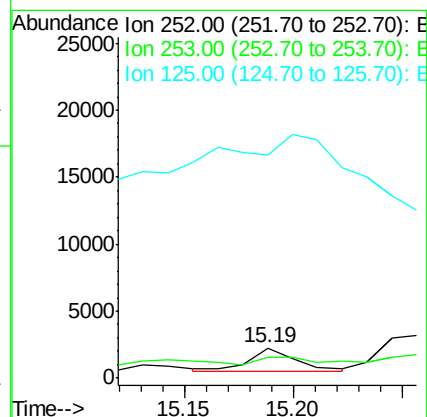
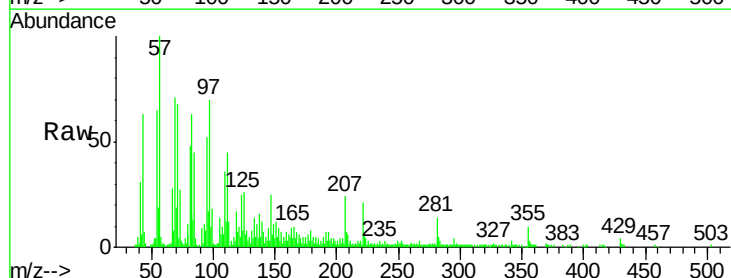
Tgt Ion:252 Resp: 2605

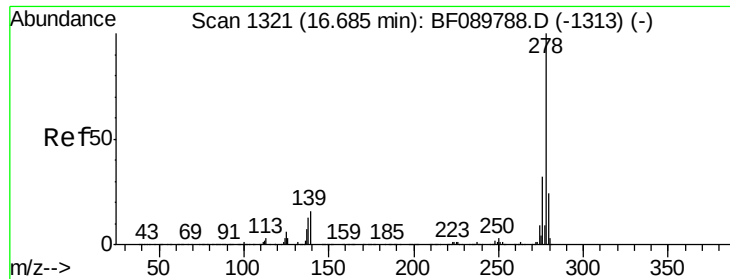
Ion Ratio Lower Upper

252 100

253 70.3 17.8 26.8#

125 743.7 11.7 17.5#





#90

Dibenzo(a,h)anthracene

Concen: 0.08 ng

RT: 16.55 min Scan# 1309

Delta R.T. -0.14 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

Instrument :

BNA_F

ClientSampleId :

SYSDIS-081916

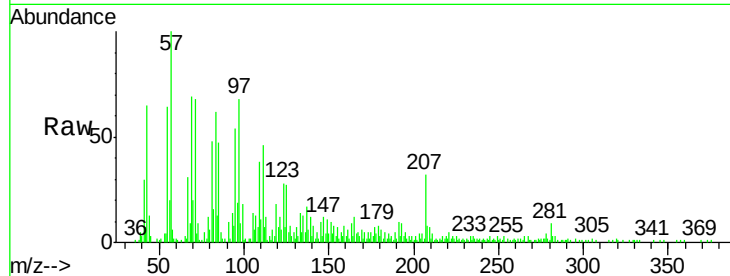
Tgt Ion: 278 Resp: 5109

Ion Ratio Lower Upper

278 100

139 309.5 14.9 22.3#

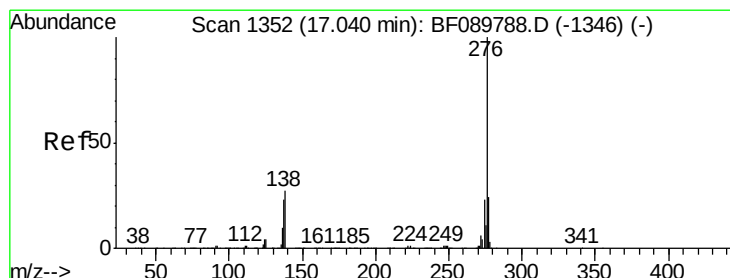
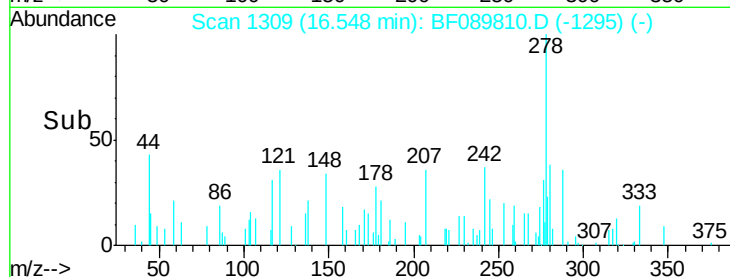
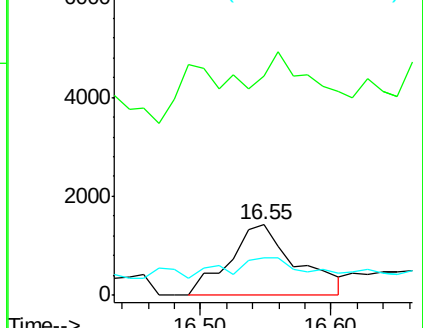
279 53.5 19.2 28.8#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 0.07 ng

RT: 16.89 min Scan# 1339

Delta R.T. -0.15 min

Lab File: BF089810.D

Acq: 19 Aug 2016 21:47

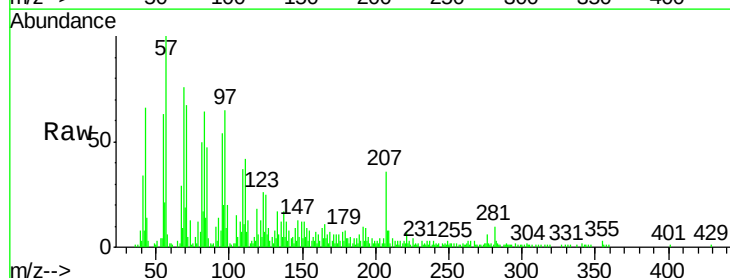
Tgt Ion: 276 Resp: 5164

Ion Ratio Lower Upper

276 100

277 40.2 19.2 28.8#

138 83.7 22.1 33.1#



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

