

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089453.D
 Acq On : 30 Jul 2016 15:14
 Operator : UM/SJ
 Sample : PB92568BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 01:08:37 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	48927	20.00	ng	-0.05
21) Naphthalene-d8	7.79	136	200231	20.00	ng	-0.03
38) Acenaphthene-d10	9.53	164	91481	20.00	ng	-0.05
63) Phenanthrene-d10	11.00	188	179734	20.00	ng	-0.05
75) Chrysene-d12	13.62	240	100438	20.00	ng	-0.05
86) Perylene-d12	14.95	264	83938	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	406721	132.73	ng	-0.02
7) Phenol-d6	6.17	99	489126	120.79	ng	-0.03
23) Nitrobenzene-d5	7.08	82	331897	97.84	ng	-0.03
41) 2,4,6-Tribromophenol	10.33	330	104395	137.79	ng	-0.03
44) 2-Fluorobiphenyl	8.87	172	581366	93.26	ng	-0.05
78) Terphenyl-d14	12.58	244	437478	101.94	ng	-0.05

Target Compounds					Qvalue	
2) 1,4-Dioxane	1.98	88	51752	37.01	ng	96
3) Pyridine	2.56	79	125341	41.81	ng	98
4) n-Nitrosodimethylamine	2.54	42	55836	45.68	ng	99
6) Aniline	6.17	93	130726	29.90	ng	# 84
8) 2-Chlorophenol	6.28	128	154049	44.44	ng	83
9) Benzaldehyde	6.04	77	70190	35.50	ng	99
10) Phenol	6.18	94	197347	44.16	ng	94
11) bis(2-Chloroethyl)ether	6.25	93	154625	40.73	ng	91
12) 1,3-Dichlorobenzene	6.67	146	148140	40.86	ng	94
13) 1,4-Dichlorobenzene	6.52	146	161202	40.29	ng	93
14) 1,2-Dichlorobenzene	6.67	146	162453	43.34	ng	97
15) Benzyl Alcohol	6.66	79	129077	51.36	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.80	45	170276	41.12	ng	97
17) 2-Methylphenol	6.79	107	118723	44.32	ng	97
18) Hexachloroethane	7.00	117	62089	40.47	ng	95
19) n-Nitroso-di-n-propylamine	6.94	70	112302	45.99	ng	# 90
20) 3+4-Methylphenols	6.95	107	163563	47.54	ng	# 89
22) Acetophenone	6.92	105	204647	42.93	ng	# 96
24) Nitrobenzene	7.10	77	163521	42.35	ng	91
25) Isophorone	7.34	82	315297	46.14	ng	97
26) 2-Nitrophenol	7.42	139	86080	49.87	ng	94
27) 2,4-Dimethylphenol	7.47	122	141931	51.61	ng	98
28) bis(2-Chloroethoxy)methane	7.56	93	204436	54.05	ng	98
29) 2,4-Dichlorophenol	7.67	162	128927	51.45	ng	96
30) 1,2,4-Trichlorobenzene	7.74	180	135905	47.54	ng	98
31) Naphthalene	7.82	128	459985	46.39	ng	99
32) Benzoic acid	7.62	122	55472	28.95	ng	98
33) 4-Chloroaniline	7.88	127	48748	12.91	ng	96
34) Hexachlorobutadiene	7.93	225	67902	41.47	ng	98
35) Caprolactam	8.26	113	21682	28.67	ng	92
36) 4-Chloro-3-methylphenol	8.38	107	146994	49.36	ng	99
37) 2-Methylnaphthalene	8.50	142	298207	49.91	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	123132	38.46	ng	99
40) Hexachlorocyclopentadiene	8.65	237	89067	95.64	ng	98

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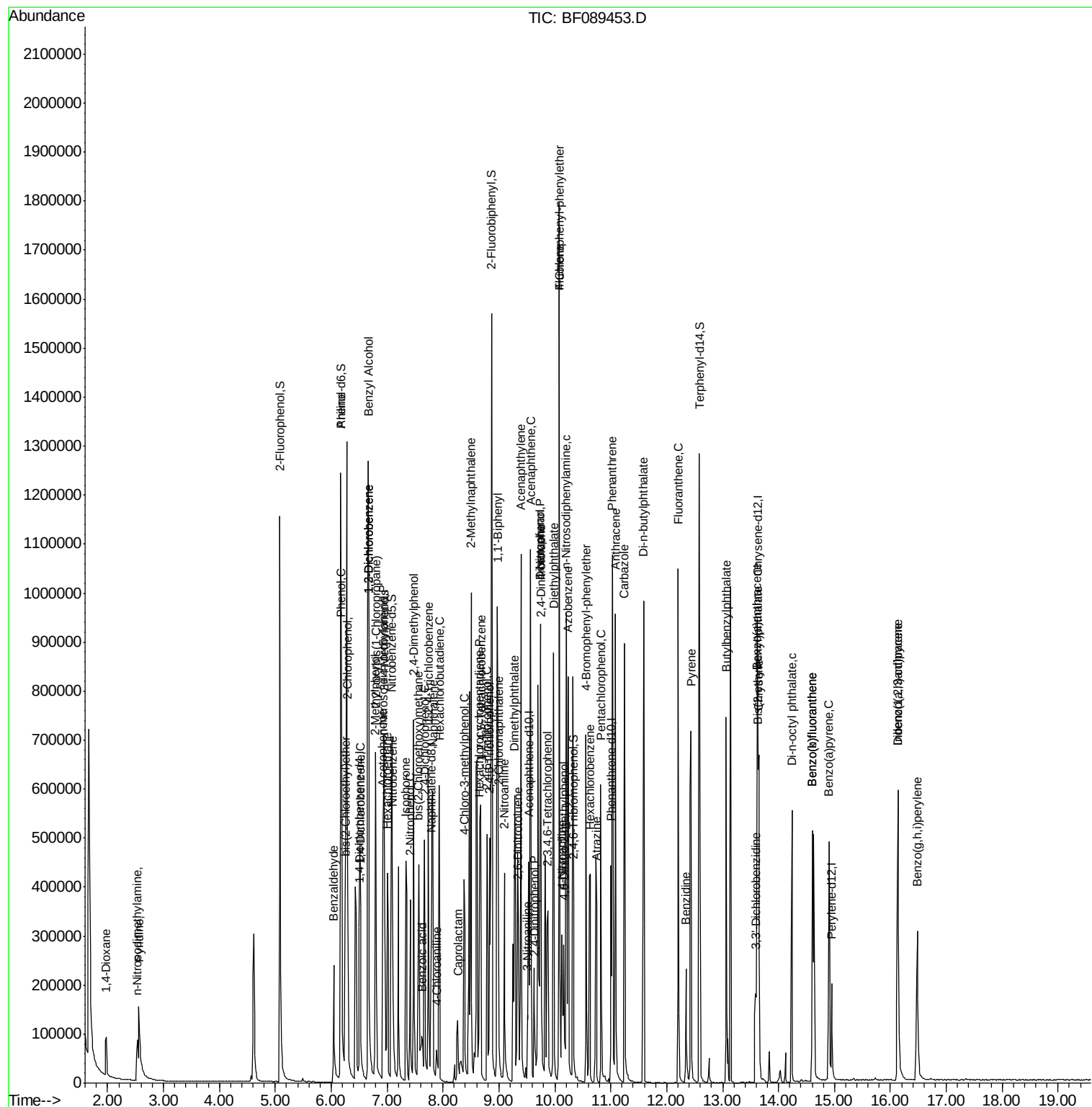
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	82517	54.21	nq	98
43) 2,4,5-Trichlorophenol	8.83	196	93449	48.47	nq	# 86
45) 1,1'-Biphenyl	8.97	154	345426	44.35	nq	95
46) 2-Chloronaphthalene	8.99	162	279367	47.76	nq	91
47) 2-Nitroaniline	9.10	65	90940	52.50	nq	# 83
48) Acenaphthylene	9.39	152	432489	46.94	nq	99
49) Dimethylphthalate	9.28	163	328991	47.25	nq	98
50) 2,6-Dinitrotoluene	9.35	165	71325	49.86	nq	# 79
51) Acenaphthene	9.56	154	248316	46.15	nq	99
52) 3-Nitroaniline	9.51	138	33455	22.16	nq	85
53) 2,4-Dinitrophenol	9.63	184	45341	72.23	nq	# 82
54) Dibenzofuran	9.74	168	380408	51.88	nq	96
55) 4-Nitrophenol	9.74	139	253630	324.48	nq	# 10
56) 2,4-Dinitrotoluene	9.75	165	98319	52.21	nq	# 82
57) Fluorene	10.08	166	303435	47.41	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.87	232	68786	53.44	nq	99
59) Diethylphthalate	9.98	149	337422	47.80	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	144313	49.16	nq	# 88
61) 4-Nitroaniline	10.12	138	67949	43.67	nq	94
62) Azobenzene	10.24	77	396100	54.49	nq	90
64) 4,6-Dinitro-2-methylphenol	10.16	198	43421	40.75	nq	96
65) n-Nitrosodiphenylamine	10.20	169	284926	50.81	nq	99
66) 4-Bromophenyl-phenylether	10.56	248	82067	47.82	nq	# 81
67) Hexachlorobenzene	10.63	284	84328	47.95	nq	# 71
68) Atrazine	10.74	200	85709	49.75	nq	97
69) Pentachlorophenol	10.82	266	71122	83.21	nq	99
70) Phenanthrene	11.03	178	422371	45.56	nq	99
71) Anthracene	11.08	178	479426	46.52	nq	99
72) Carbazole	11.24	167	413763	47.69	nq	98
73) Di-n-butylphthalate	11.59	149	544766	46.80	nq	99
74) Fluoranthene	12.20	202	430867	44.19	nq	96
76) Benzidine	12.34	184	125255	33.75	nq	97
77) Pyrene	12.43	202	423262	55.60	nq	100
79) Butylbenzylphthalate	13.06	149	173504	50.13	nq	92
80) Benzo(a)anthracene	13.61	228	275439	48.59	nq	99
81) 3,3'-Dichlorobenzidine	13.59	252	55425	27.17	nq	99
82) Chrysene	13.65	228	263664	43.70	nq	100
83) Bis(2-ethylhexyl)phthalate	13.63	149	227217	45.42	nq	# 94
84) Di-n-octyl phthalate	14.24	149	337332	43.21	nq	99
85) Indeno(1,2,3-cd)pyrene	16.14	276	270415	63.04	nq	98
87) Benzo(b)fluoranthene	14.61	252	445918	85.54	nq	98
88) Benzo(k)fluoranthene	14.61	252	446456	93.16	nq	99
89) Benzo(a)pyrene	14.90	252	224894	48.09	nq	98
90) Dibenzo(a,h)anthracene	16.14	278	223642	60.71	nq	100
91) Benzo(g,h,i)perylene	16.48	276	233632	64.52	nq	99

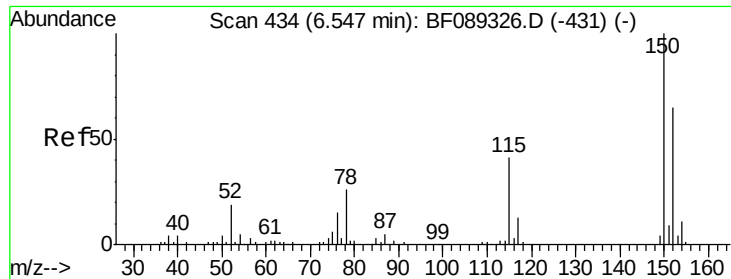
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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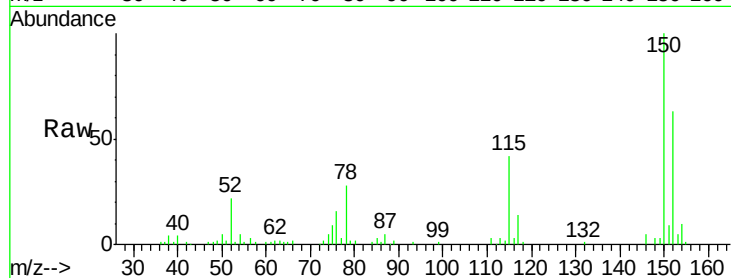


#1

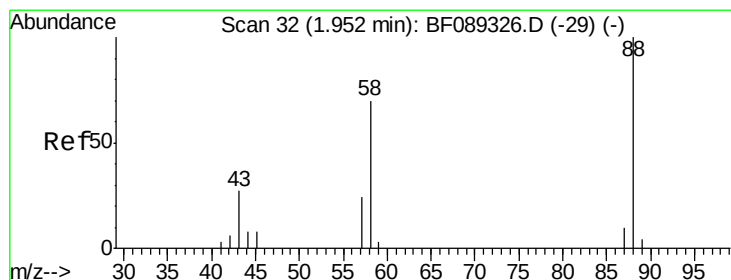
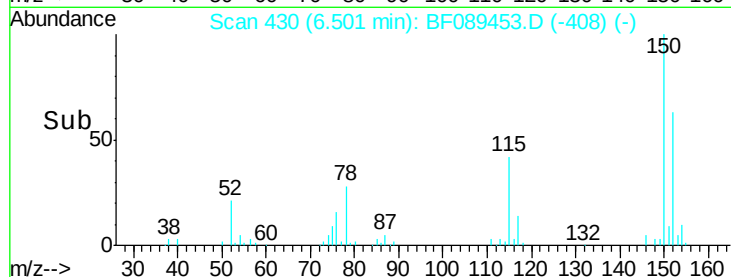
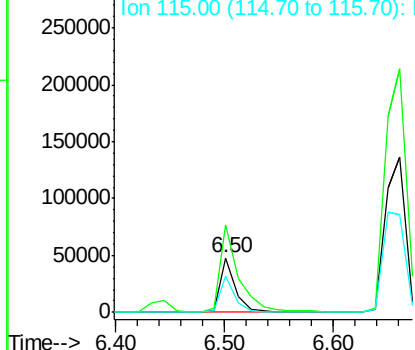
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.50 min Scan# 430
Delta R.T. -0.05 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 48927
Ion Ratio Lower Upper
152 100
150 159.7 129.5 194.3
115 67.1 51.4 77.2



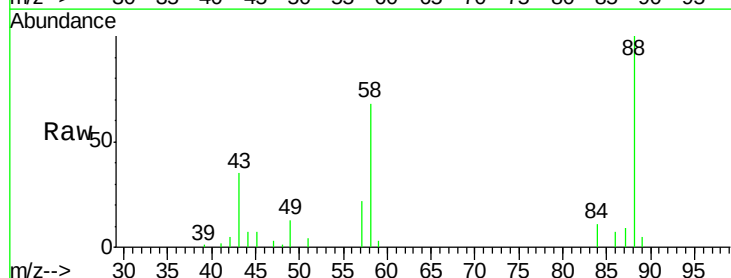
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



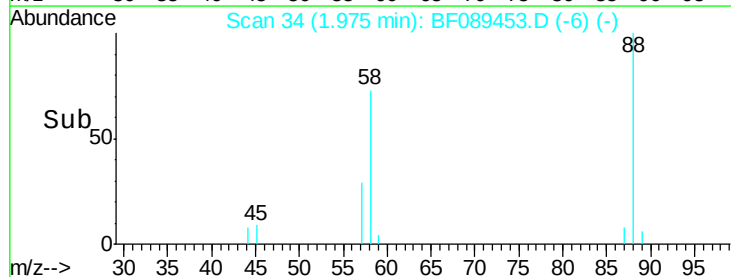
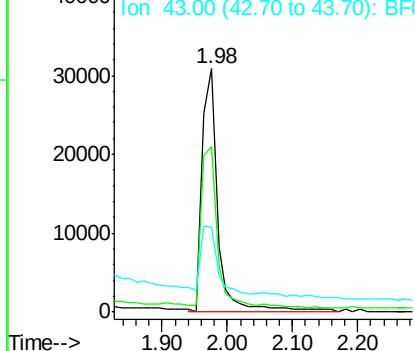
#2

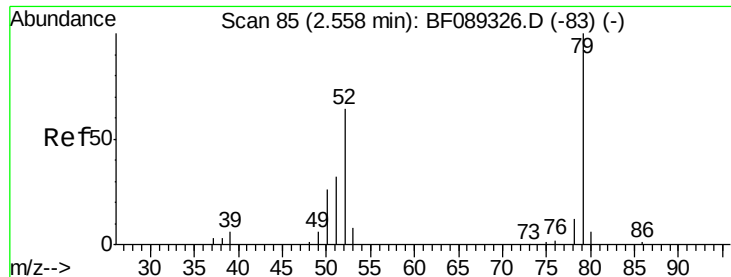
1,4-Dioxane
Concen: 37.01 ng
RT: 1.98 min Scan# 34
Delta R.T. 0.02 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Tgt Ion: 88 Resp: 51752
Ion Ratio Lower Upper
88 100
58 68.6 53.2 79.8
43 30.3 20.6 31.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 41.81 ng

RT: 2.56 min Scan# 85

Delta R.T. -0.01 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Instrument :

BNA_F

ClientSampleId :

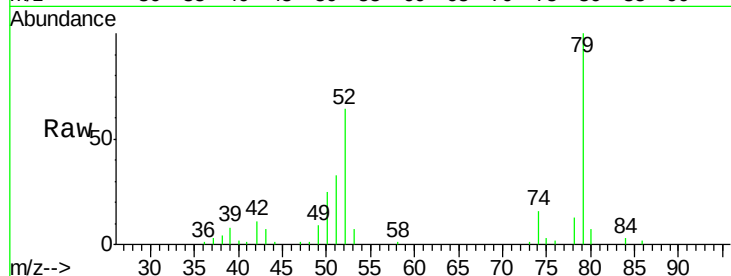
Tot Ion: 79 Resp: 125341

Ion Ratio Lower Upper

79 100

52 63.8 51.9 77.9

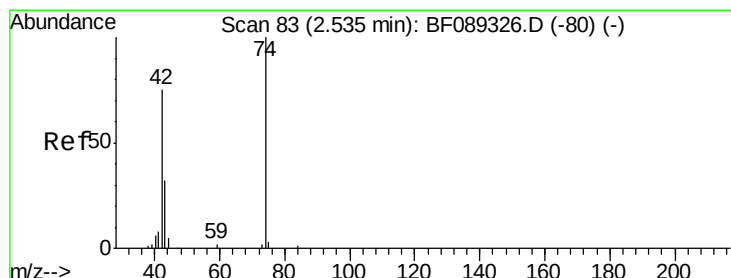
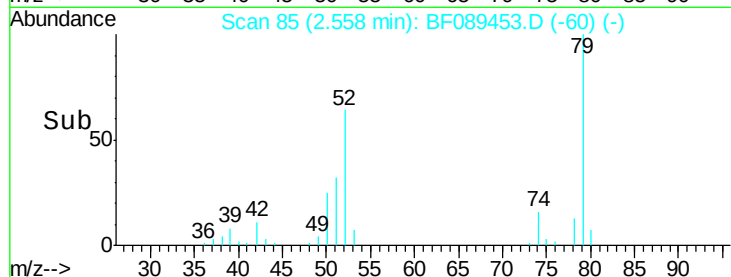
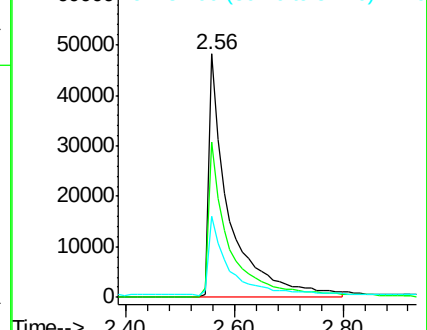
51 33.2 28.2 42.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 45.68 ng

RT: 2.54 min Scan# 83

Delta R.T. 0.00 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

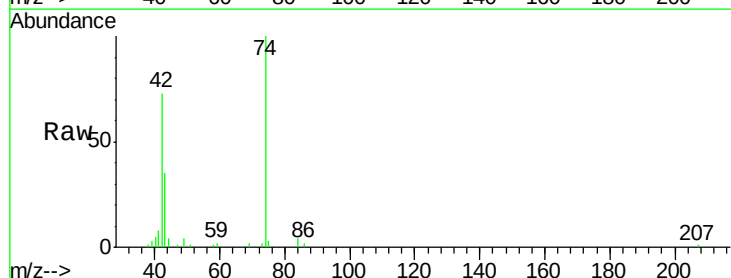
Tgt Ion: 42 Resp: 55836

Ion Ratio Lower Upper

42 100

74 137.7 110.8 166.2

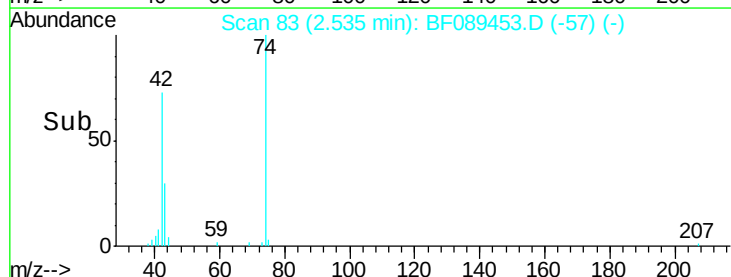
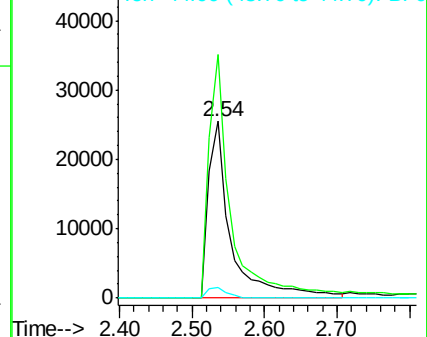
44 6.0 5.2 7.8

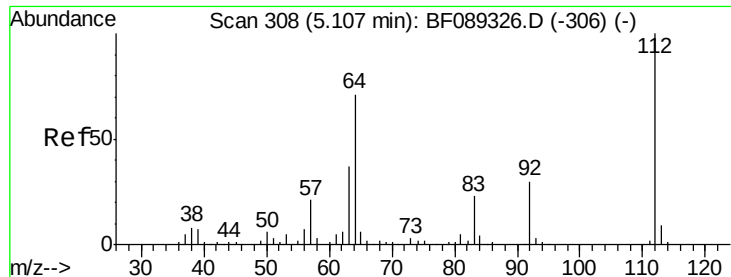


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 132.73 ng

RT: 5.08 min Scan# 306

Delta R.T. -0.02 min

Lab File: BF089453.D

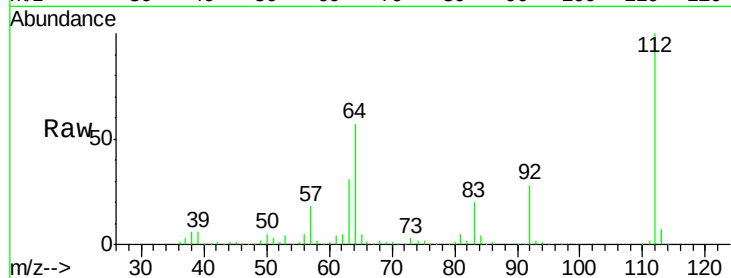
Acq: 30 Jul 2016 15:14

Instrument :

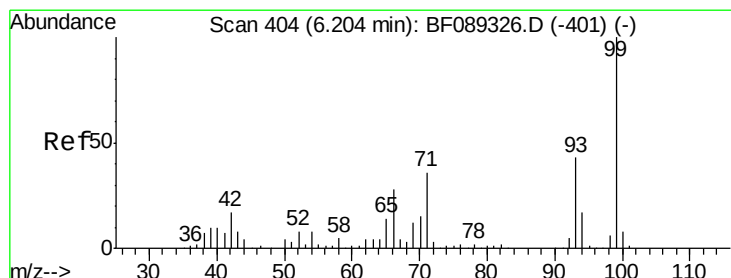
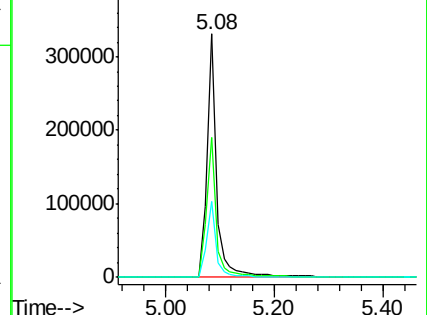
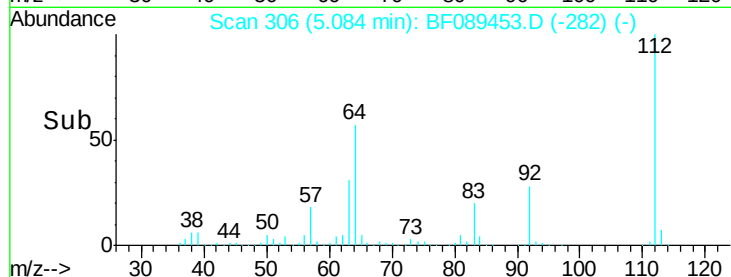
BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	406721
Ion	Ratio	Lower	Upper
112	100		
64	57.3	55.0	82.6
63	31.1	29.4	44.2



Abundance Ion 112.00 (111.70 to 112.70): BF089453.D (-282) (-)



#6

Aniline

Concen: 29.90 ng

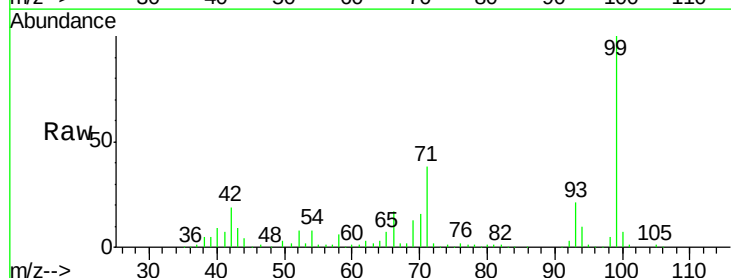
RT: 6.17 min Scan# 401

Delta R.T. -0.03 min

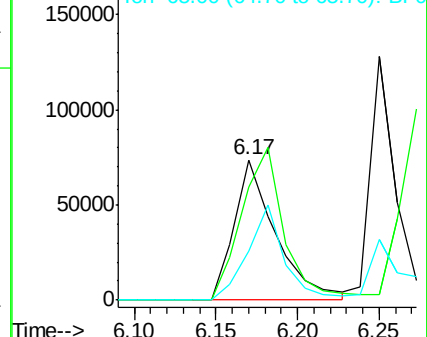
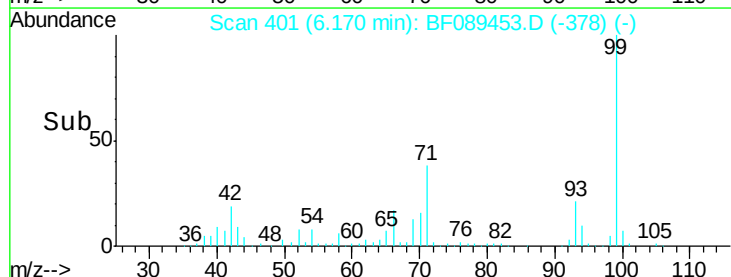
Lab File: BF089453.D

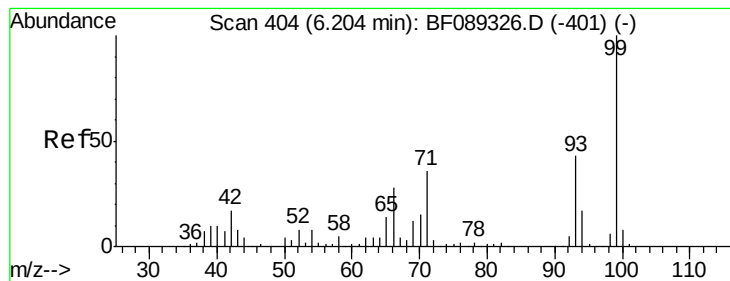
Acq: 30 Jul 2016 15:14

Tgt Ion:	93	Resp:	130726
Ion	Ratio	Lower	Upper
93	100		
66	80.5	51.6	77.4#
65	34.8	24.7	37.1



Abundance Ion 93.00 (92.70 to 93.70): BF089453.D (-378) (-)





#7

Phenol-d6

Concen: 120.79 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.03 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Instrument :

BNA_F

ClientSampleId :

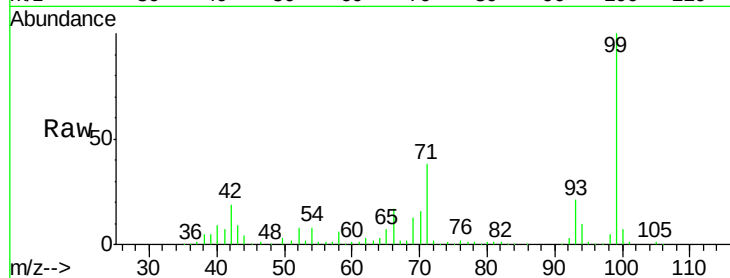
Tot Ion: 99 Resp: 489126

Ion Ratio Lower Upper

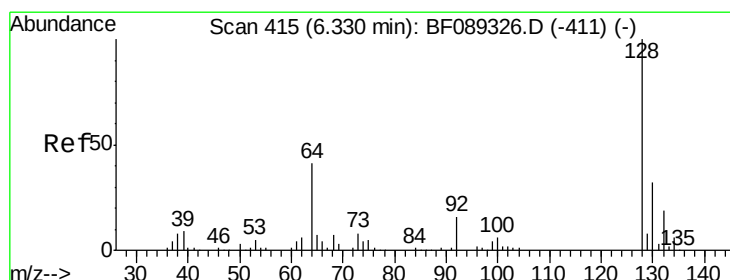
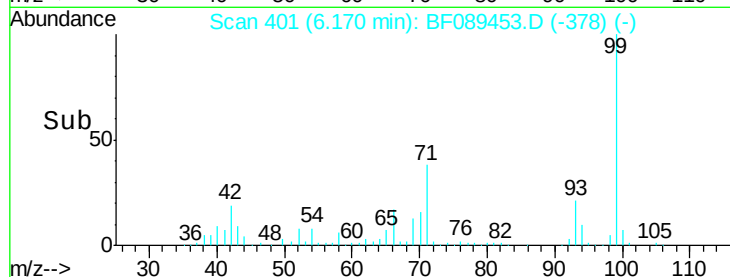
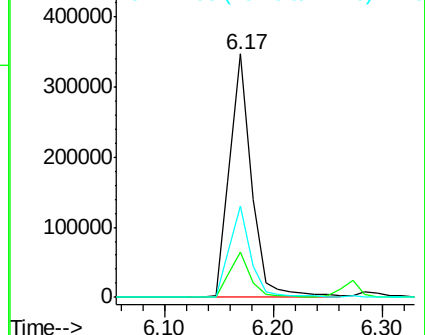
99 100

42 18.5 13.6 20.4

71 37.6 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.44 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.05 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

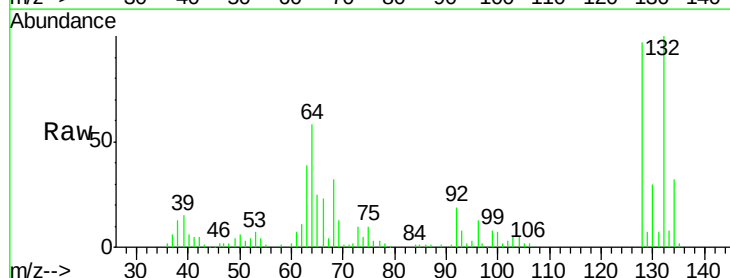
Tgt Ion:128 Resp: 154049

Ion Ratio Lower Upper

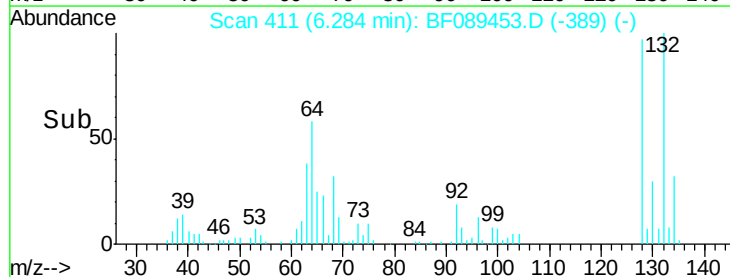
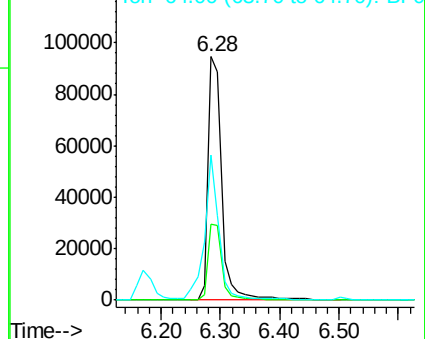
128 100

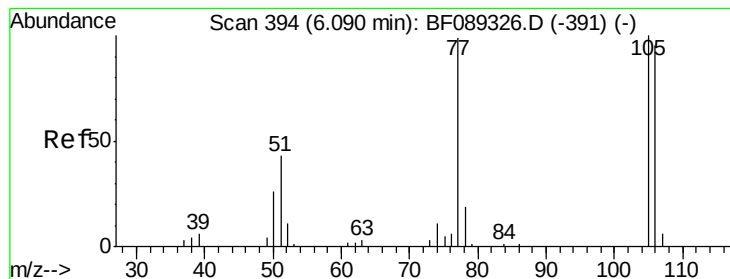
130 31.1 12.6 52.6

64 59.5 22.1 62.1



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





#9

Benzaldehyde

Concen: 35.50 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.05 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Instrument :

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ClientSampleId :

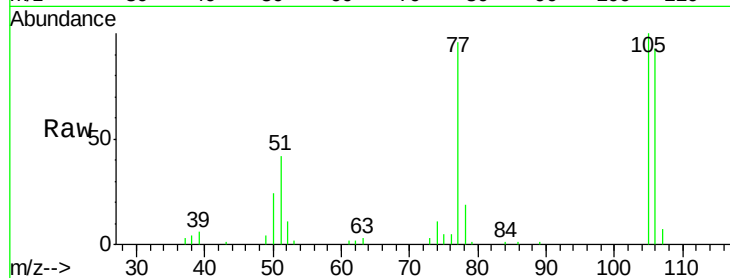
Tot Ion: 77 Resp: 70190

Ion Ratio Lower Upper

77 100

105 104.3 82.9 122.9

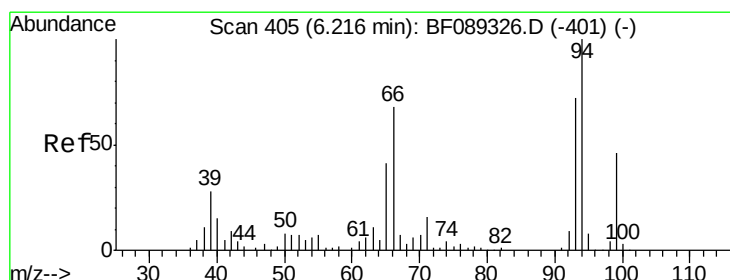
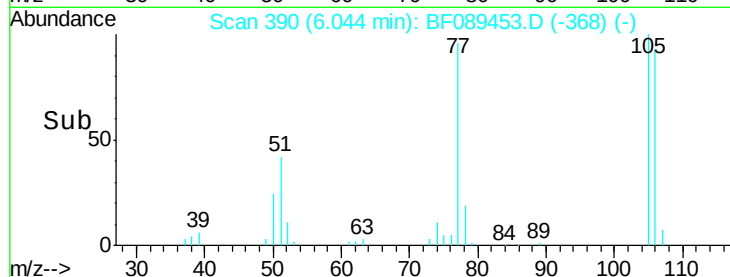
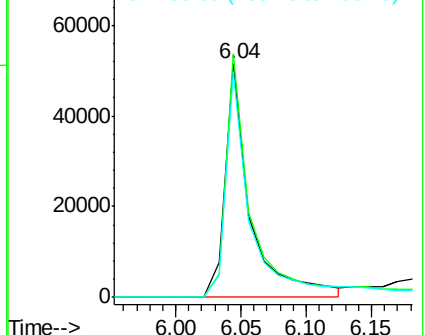
106 96.8 75.9 115.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 44.16 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

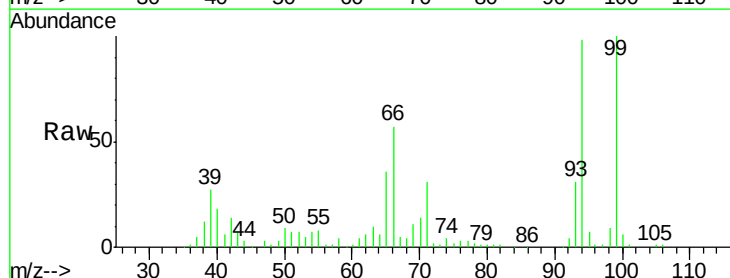
Tgt Ion: 94 Resp: 197347

Ion Ratio Lower Upper

94 100

65 36.4 19.1 59.1

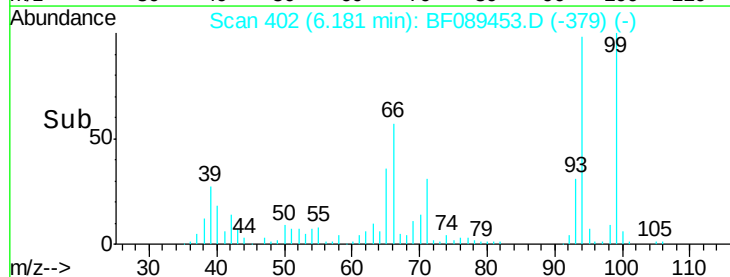
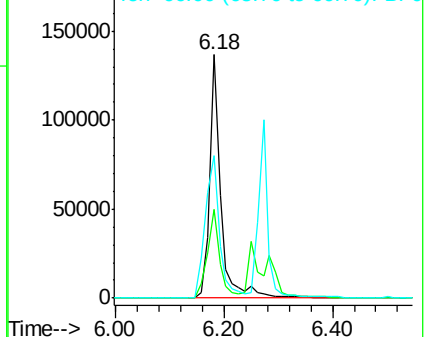
66 58.7 44.4 84.4

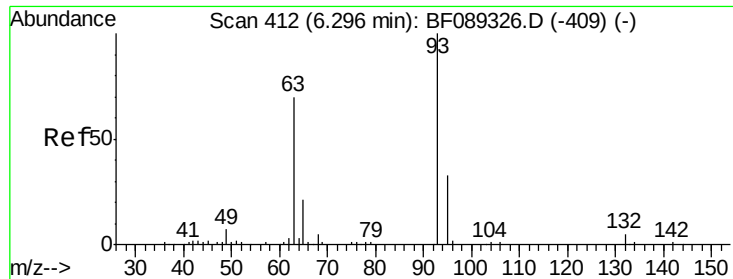


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

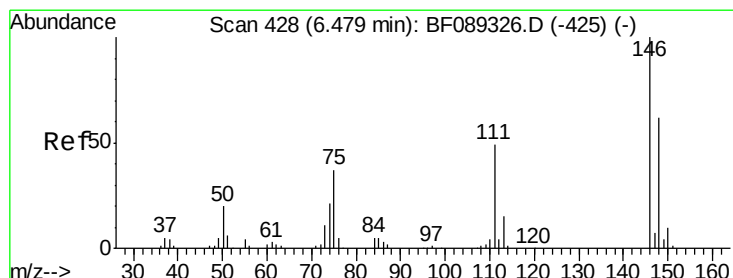
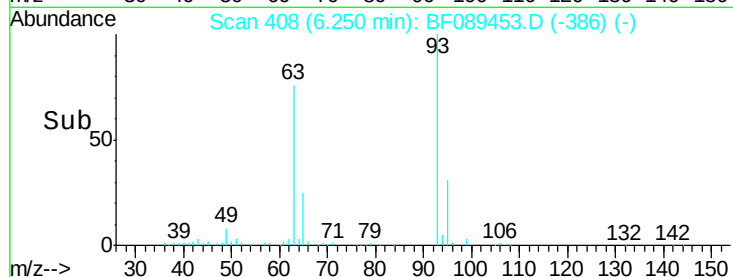
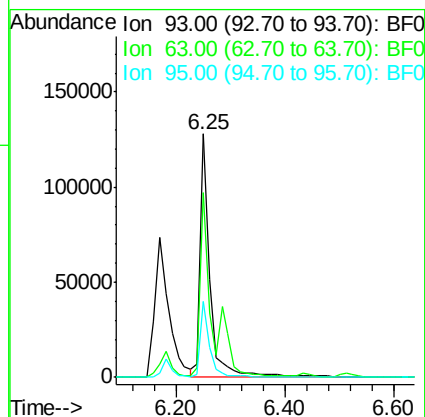
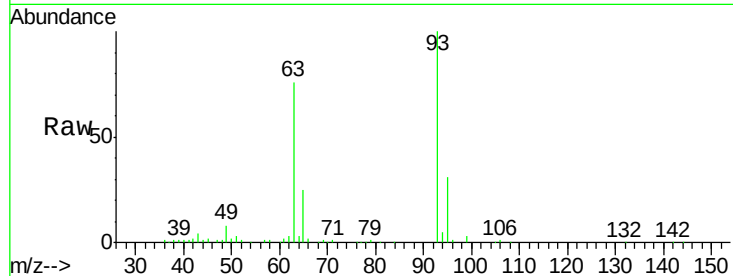




#11
bis(2-Chloroethyl)ether
Concen: 40.73 ng
RT: 6.25 min Scan# 408
Delta R.T. -0.05 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

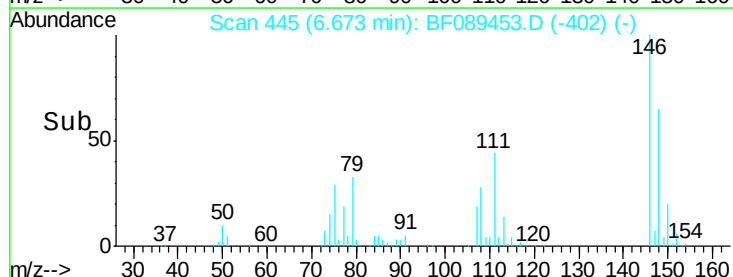
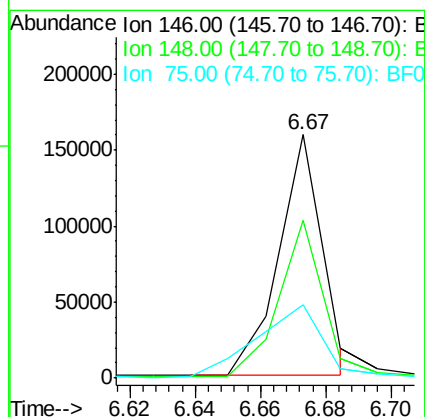
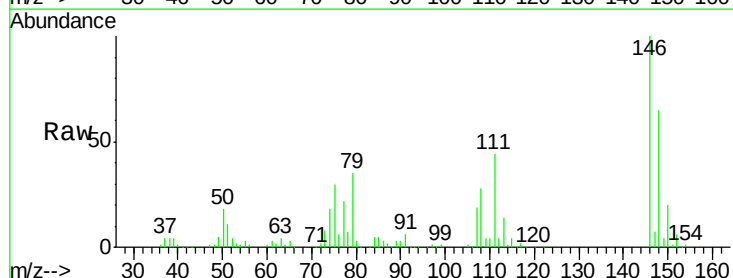
Instrument :
BNA_F
ClientSampleId :

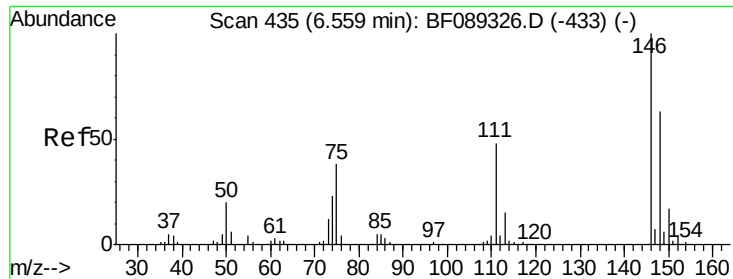
Tot Ion: 93 Resp: 154625
Ion Ratio Lower Upper
93 100
63 76.0 45.6 85.6
95 31.3 11.1 51.1



#12
1,3-Dichlorobenzene
Concen: 40.86 ng
RT: 6.67 min Scan# 445
Delta R.T. 0.19 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Tgt Ion: 146 Resp: 148140
Ion Ratio Lower Upper
146 100
148 64.9 50.5 75.7
75 30.4 30.0 45.0

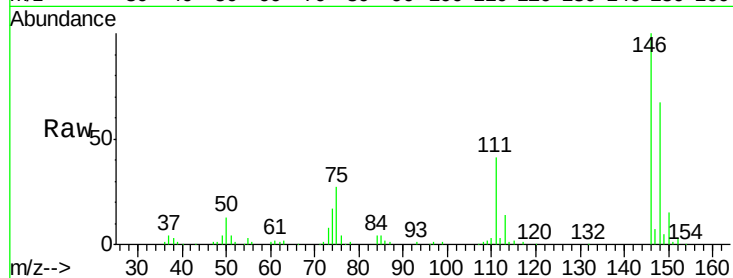




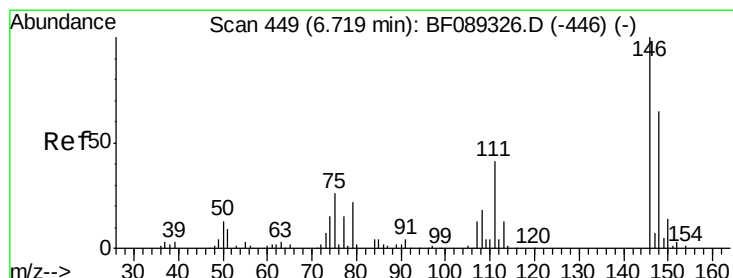
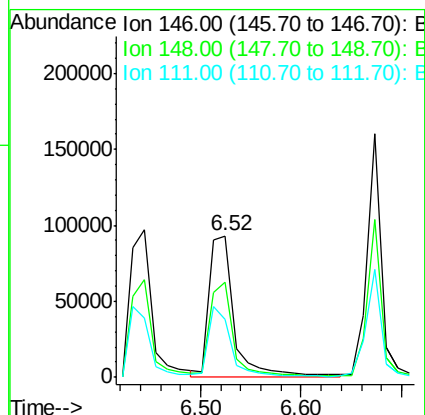
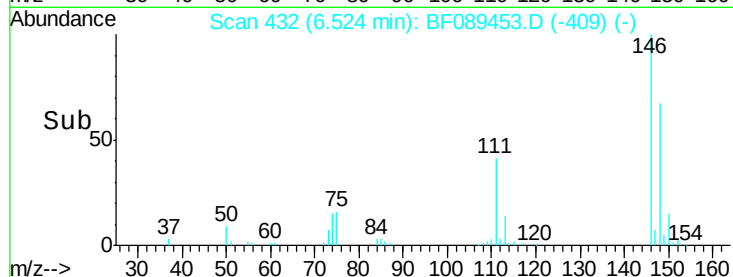
#13
 1,4-Dichlorobenzene
 Concen: 40.29 ng
 RT: 6.52 min Scan# 432
 Delta R.T. -0.03 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 161202
 Ion Ratio Lower Upper
 146 100
 148 67.1 50.8 76.2
 111 40.8 38.6 57.8

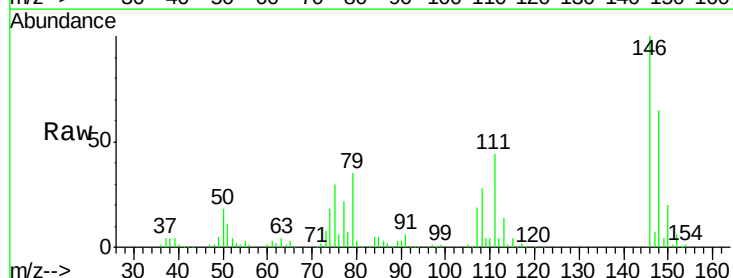


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

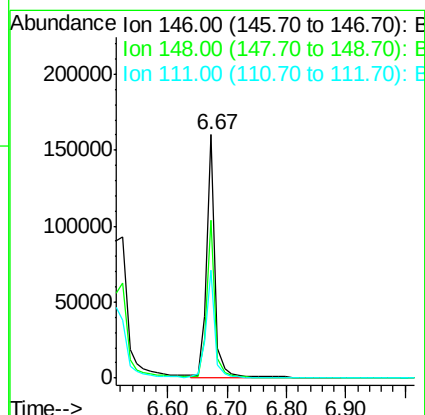
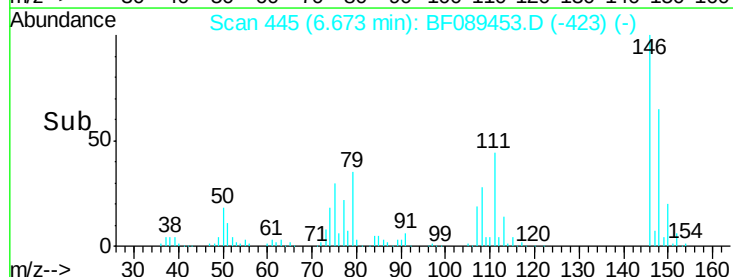


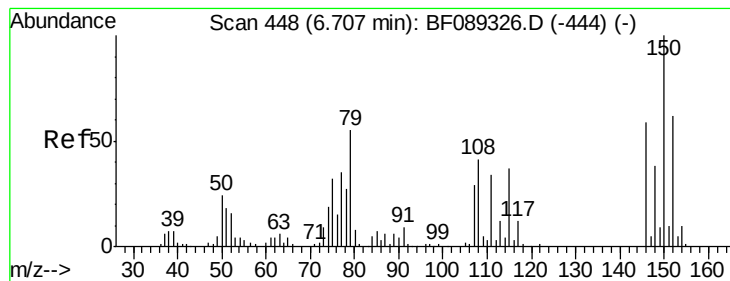
#14
 1,2-Dichlorobenzene
 Concen: 43.34 ng
 RT: 6.67 min Scan# 445
 Delta R.T. -0.05 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Tgt Ion:146 Resp: 162453
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.4 75.6
 111 44.2 33.0 49.4



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





#15

Benzyl Alcohol

Concen: 51.36 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.05 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Instrument :

BNA_F

ClientSampled :

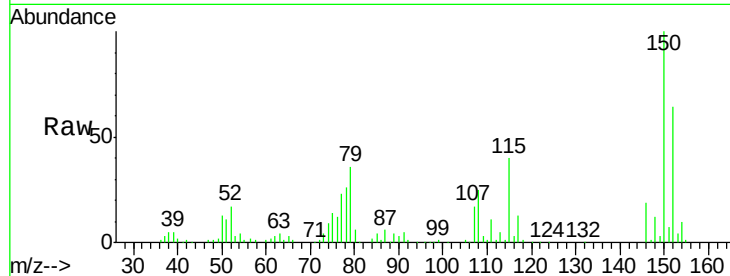
Tot Ion: 79 Resp: 129077

Ion Ratio Lower Upper

79 100

108 67.3 59.8 89.6

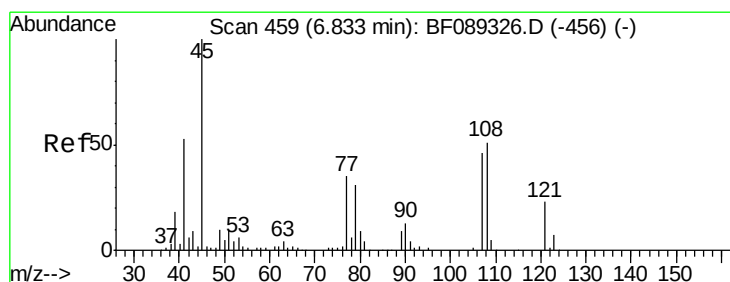
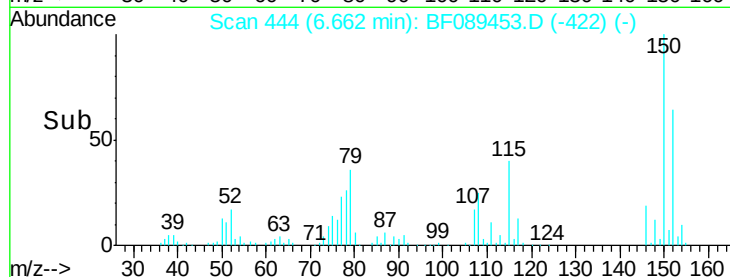
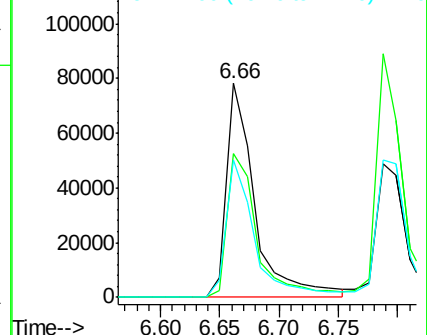
77 64.0 51.7 77.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.12 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.03 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

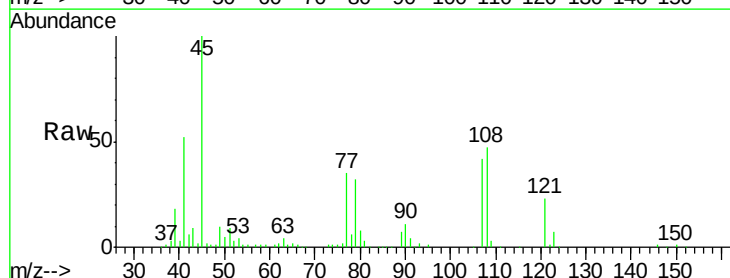
Tgt Ion: 45 Resp: 170276

Ion Ratio Lower Upper

45 100

77 35.3 17.3 57.3

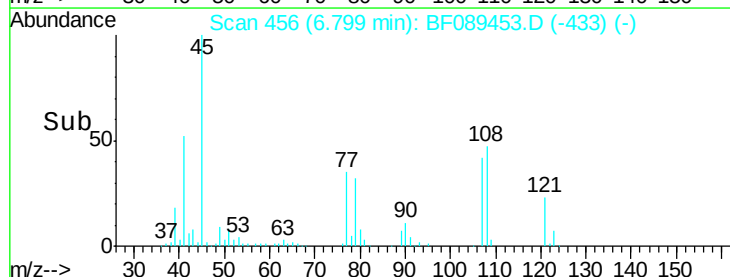
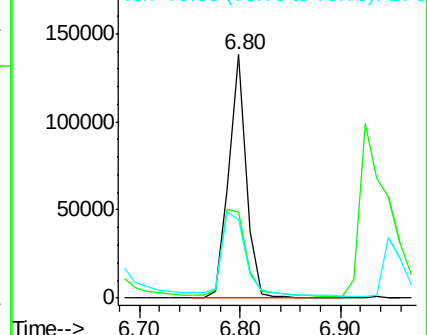
79 32.2 13.9 53.9

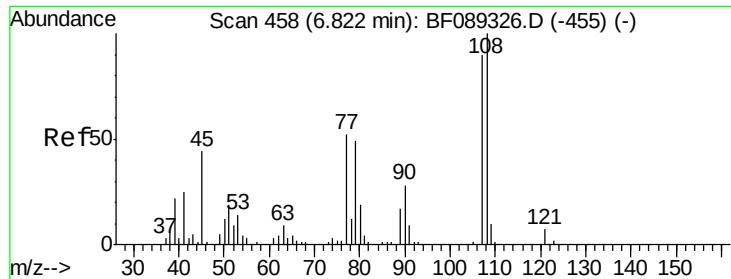


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 44.32 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.03 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 118723

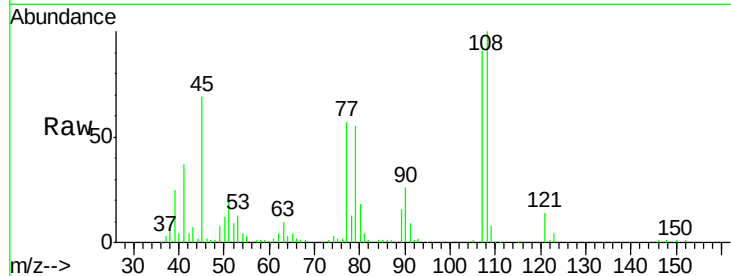
Ion Ratio Lower Upper

107 100

108 109.5 91.4 137.0

77 61.9 48.6 73.0

79 60.1 48.2 72.4

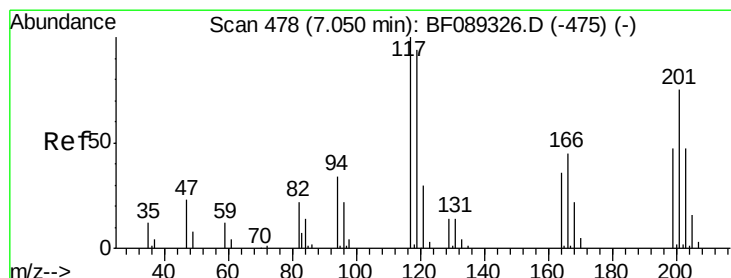
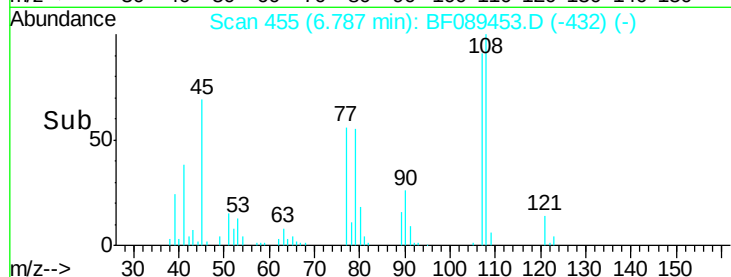
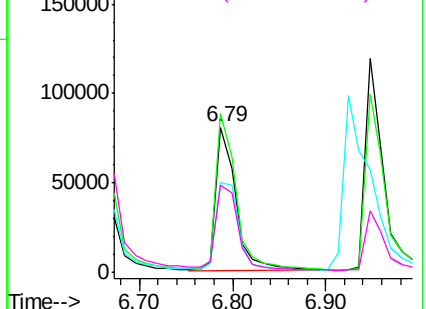


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.47 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.05 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

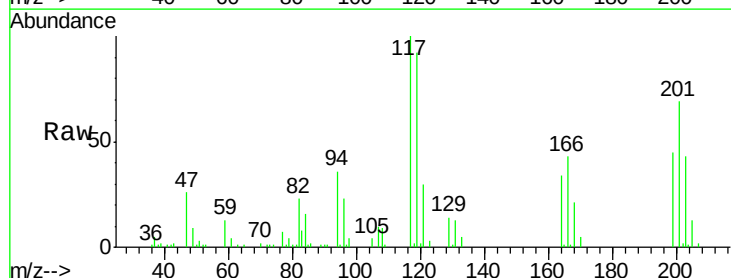
Tgt Ion:117 Resp: 62089

Ion Ratio Lower Upper

117 100

119 92.0 76.0 114.0

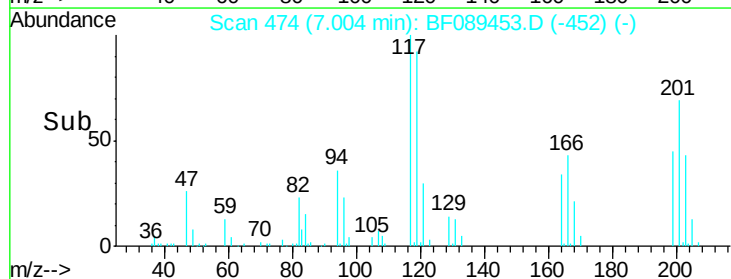
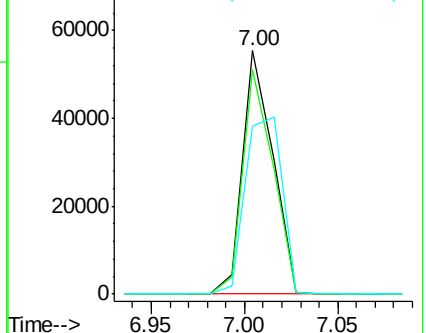
201 69.3 60.0 90.0

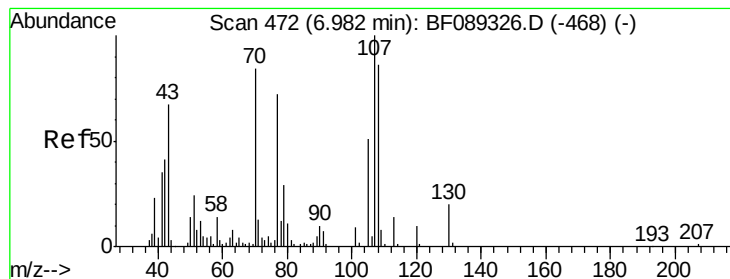


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 45.99 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.05 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 112302

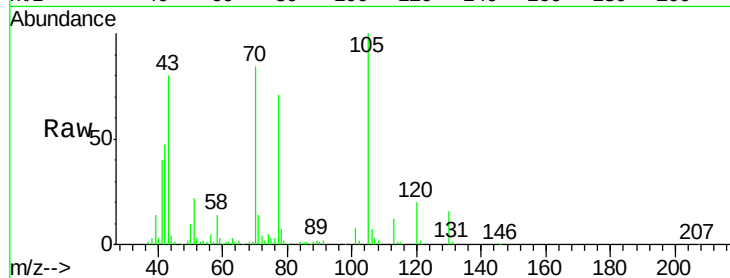
Ion Ratio Lower Upper

70 100

42 56.0 38.6 57.8

101 9.1 8.3 12.5

130 18.6 19.0 28.4#

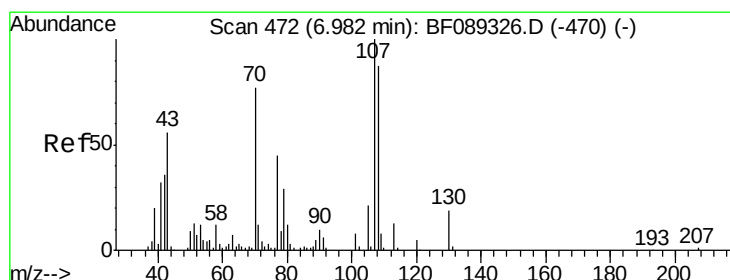
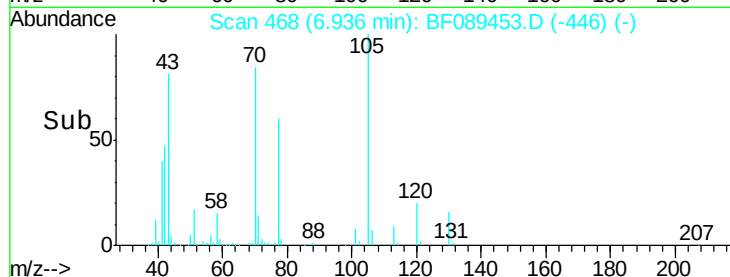
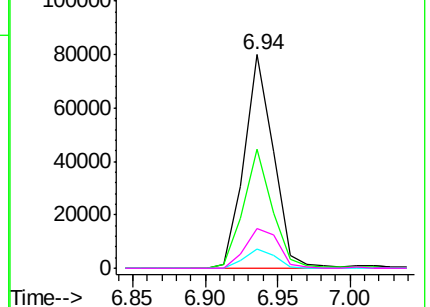


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 47.54 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.03 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Tgt Ion:107 Resp: 163563

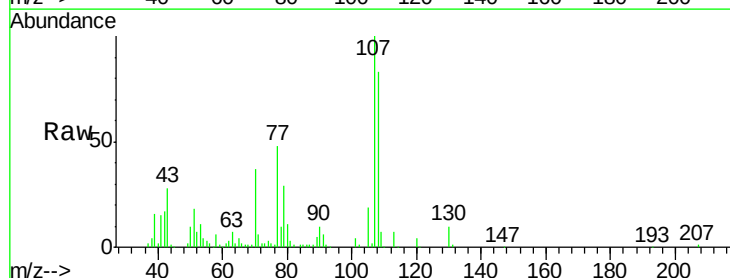
Ion Ratio Lower Upper

107 100

108 83.4 63.3 103.3

77 48.2 51.1 91.1#

79 28.9 9.3 49.3

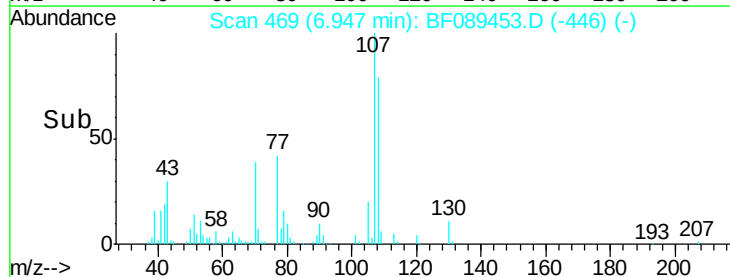
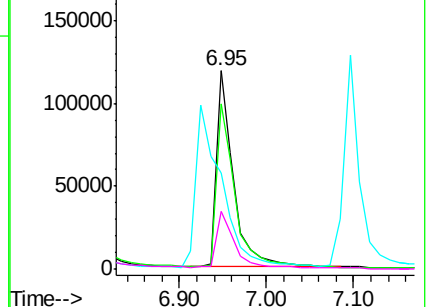


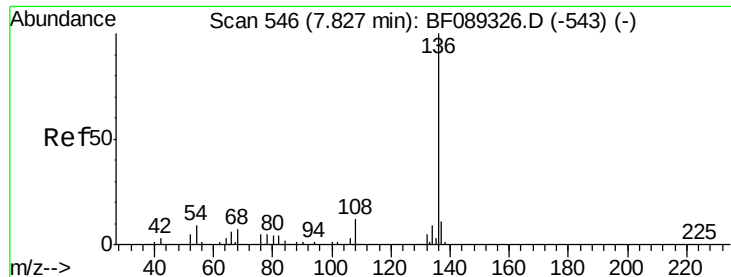
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.03 min

Lab File: BF089453.D

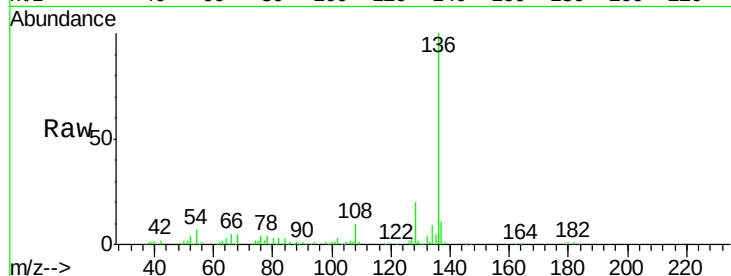
Acq: 30 Jul 2016 15:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	200231
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.6 13.0
54	6.6	7.0 10.4#
68	5.2	4.9 7.3

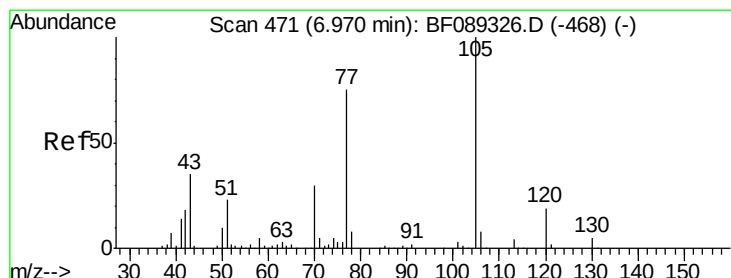
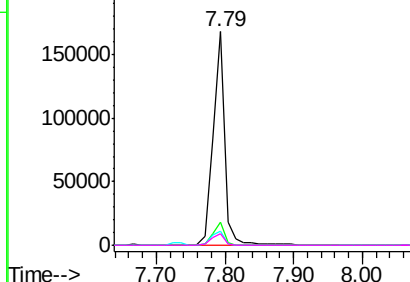
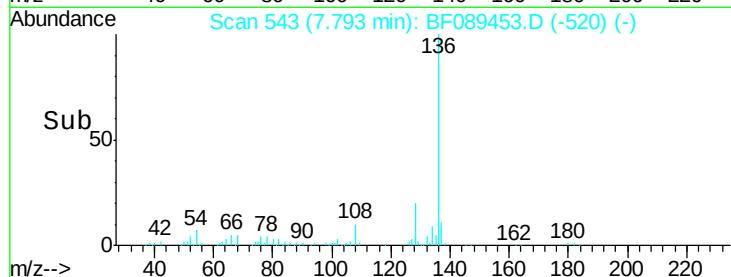


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.93 ng

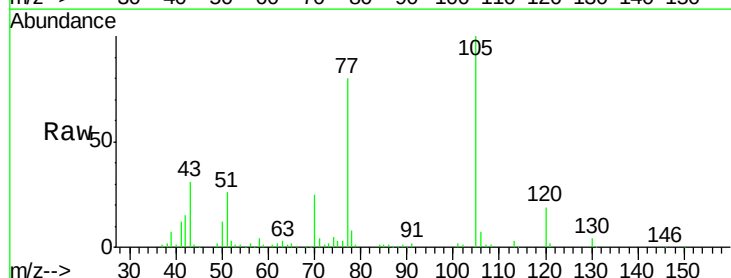
RT: 6.92 min Scan# 467

Delta R.T. -0.05 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Tgt Ion:105	Resp:	204647
Ion Ratio	Lower	Upper
105	100	
71	4.1	4.2 6.2#
51	26.2	18.7 28.1
120	18.6	15.8 23.6

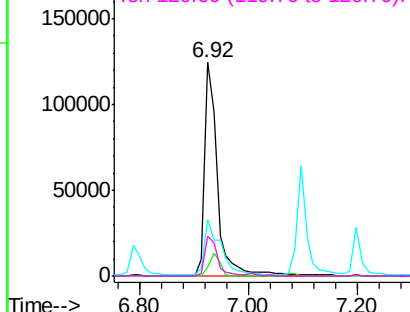
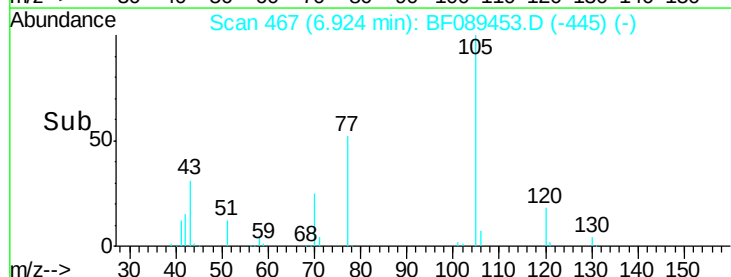


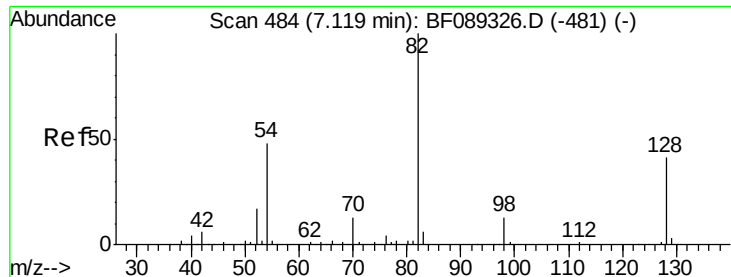
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

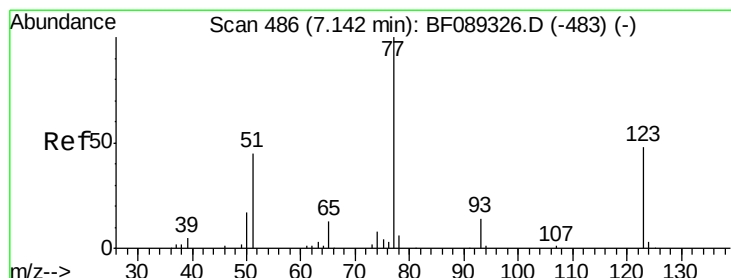
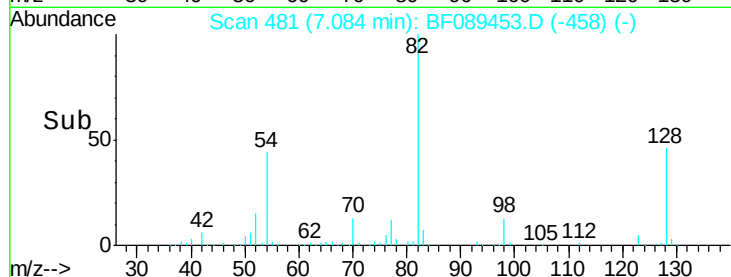
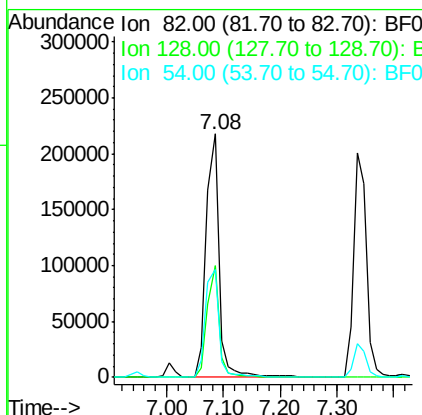
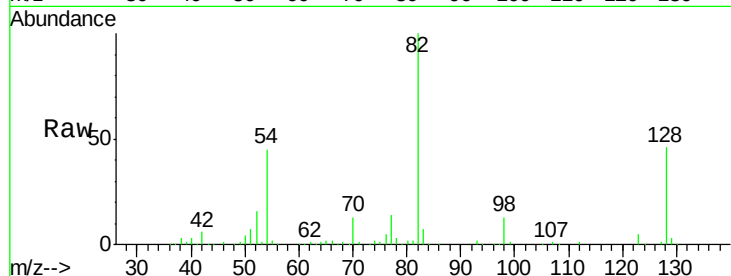




#23
 Nitrobenzene-d5
 Concen: 97.84 ng
 RT: 7.08 min Scan# 481
 Delta R.T. -0.03 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

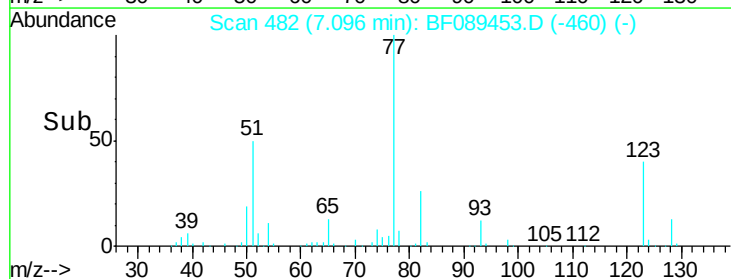
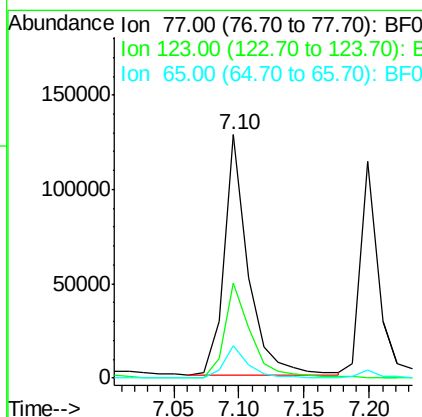
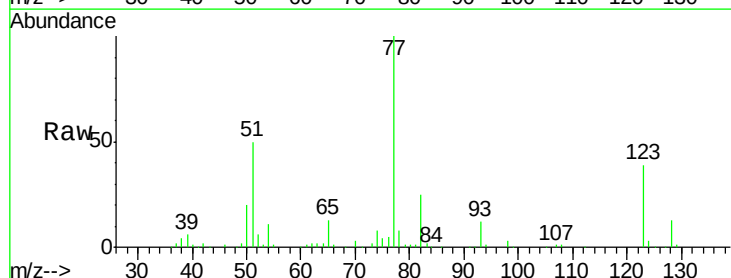
Instrument :
 BNA_F
 ClientSampleId :

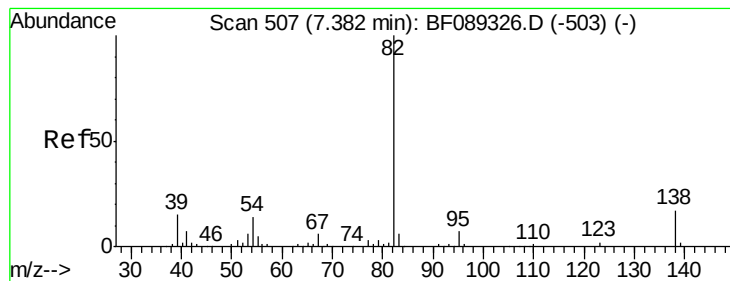
Tot Ion	82	Resp	331897
Ion Ratio	Lower	Upper	
82	100		
128	46.1	32.5	48.7
54	44.6	38.8	58.2



#24
 Nitrobenzene
 Concen: 42.35 ng
 RT: 7.10 min Scan# 482
 Delta R.T. -0.05 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Tgt Ion	77	Resp	163521
Ion Ratio	Lower	Upper	
77	100		
123	39.3	37.2	55.8
65	13.2	10.2	15.4





#25

Isophorone

Concen: 46.14 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.05 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Instrument :

BNA_F

ClientSampled :

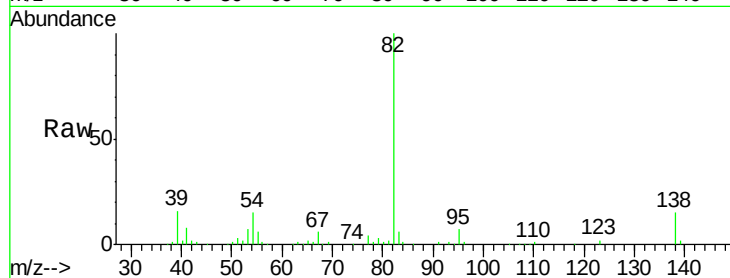
Tot Ion: 82 Resp: 315297

Ion Ratio Lower Upper

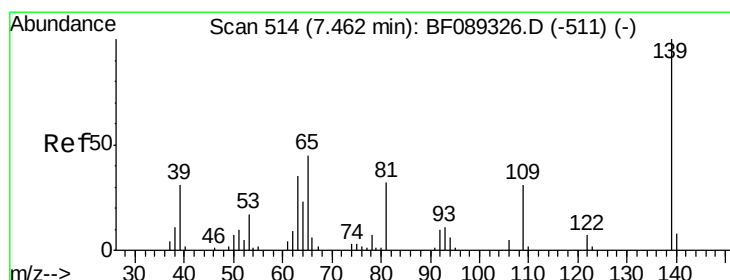
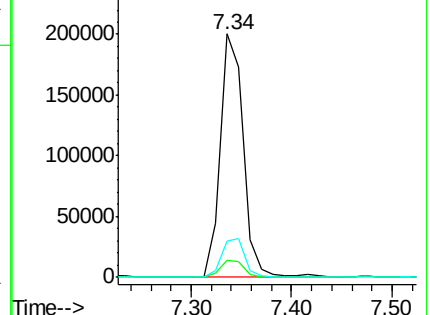
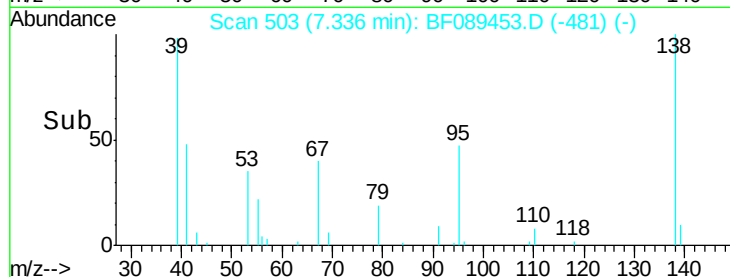
82 100

95 7.1 6.0 9.0

138 15.0 13.3 19.9



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



#26

2-Nitrophenol

Concen: 49.87 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.05 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

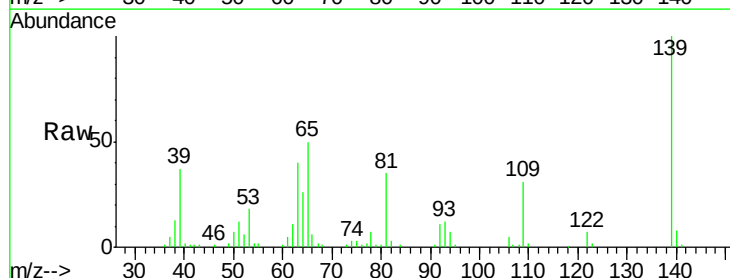
Tgt Ion: 139 Resp: 86080

Ion Ratio Lower Upper

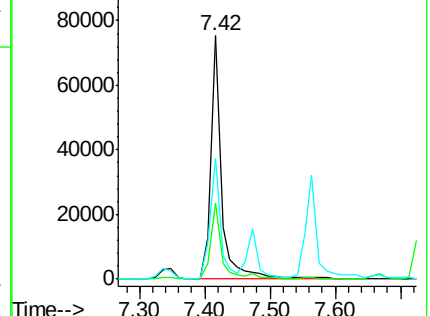
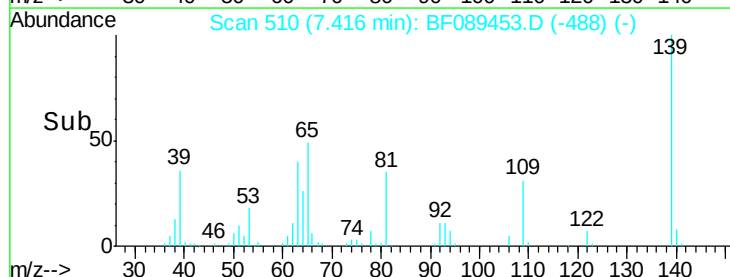
139 100

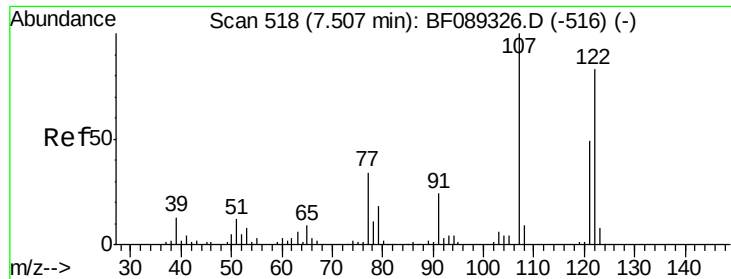
109 31.1 25.8 38.8

65 49.7 35.2 52.8



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

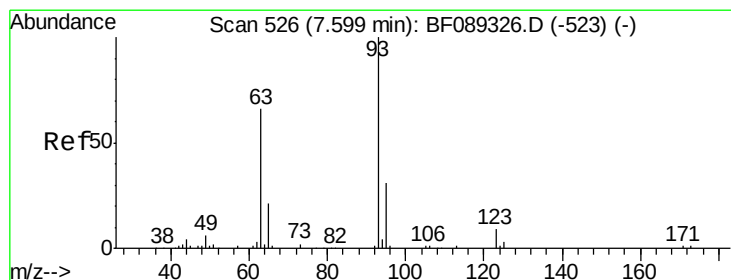
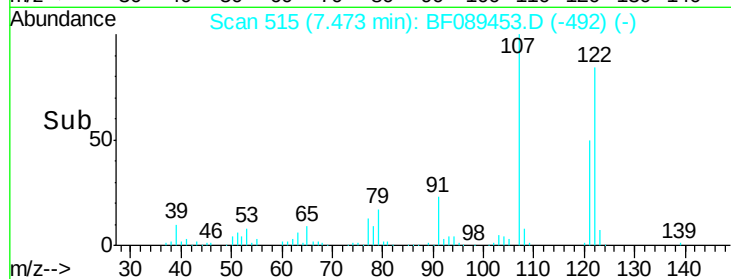
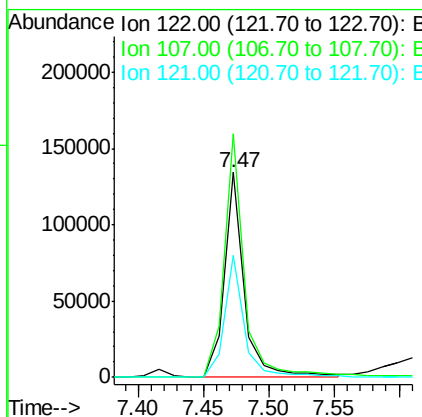
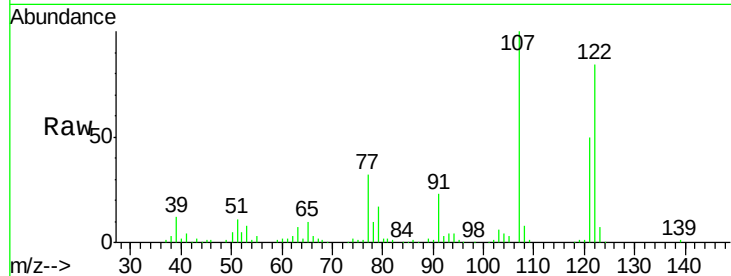




#27
 2,4-Dimethylphenol
 Concen: 51.61 ng
 RT: 7.47 min Scan# 515
 Delta R.T. -0.03 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

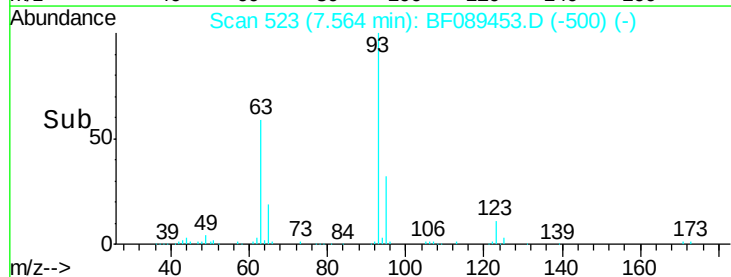
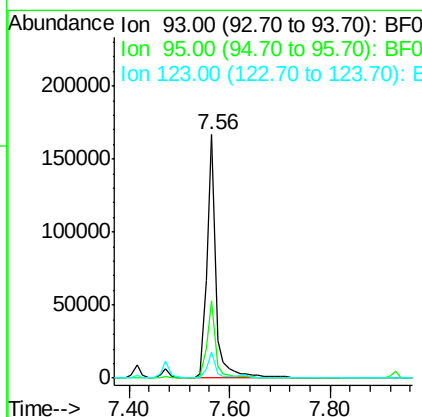
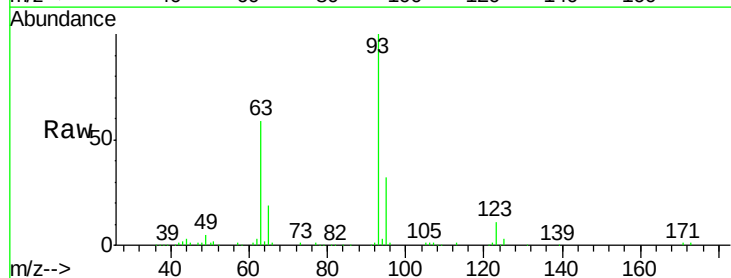
Instrument :
 BNA_F
 ClientSampleId :

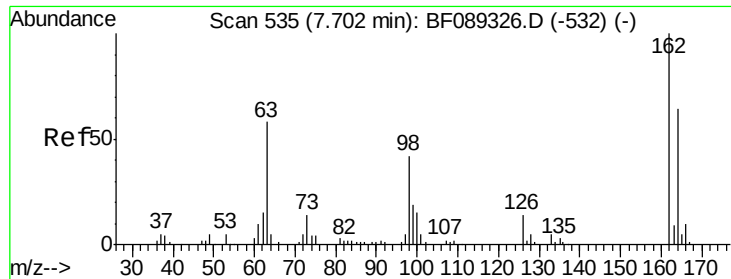
Tot Ion:122 Resp: 141931
 Ion Ratio Lower Upper
 122 100
 107 119.0 97.2 145.8
 121 59.8 48.8 73.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 54.05 ng
 RT: 7.56 min Scan# 523
 Delta R.T. -0.03 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Tgt Ion: 93 Resp: 204436
 Ion Ratio Lower Upper
 93 100
 95 31.7 24.7 37.1
 123 10.8 7.5 11.3

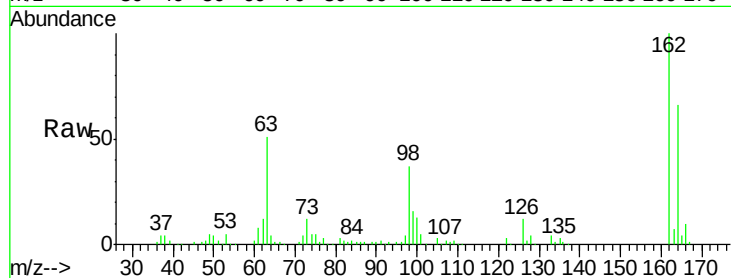




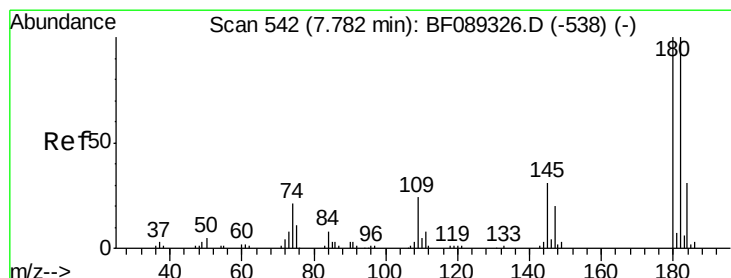
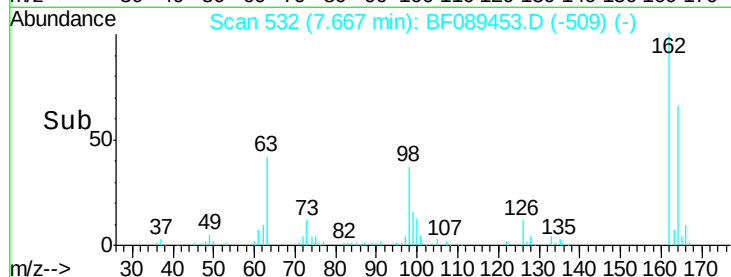
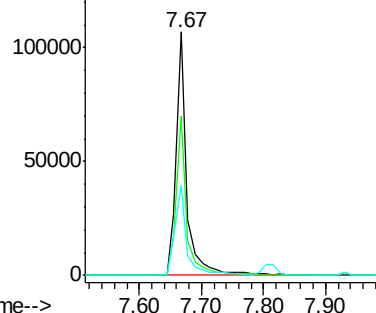
#29
 2,4-Dichlorophenol
 Concen: 51.45 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.03 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	44.0	84.0
98	36.9	21.8	61.8

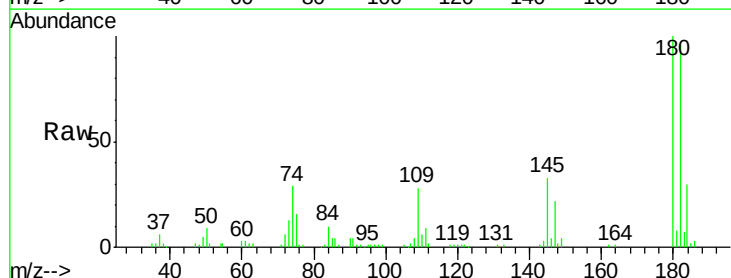


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

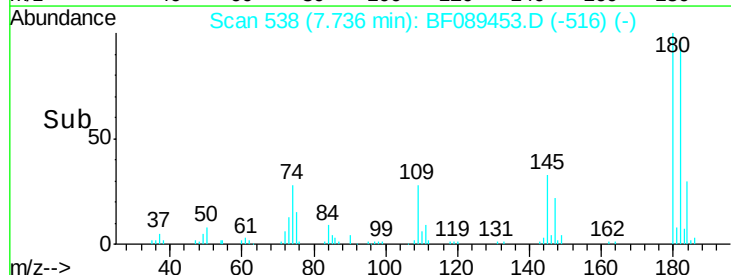
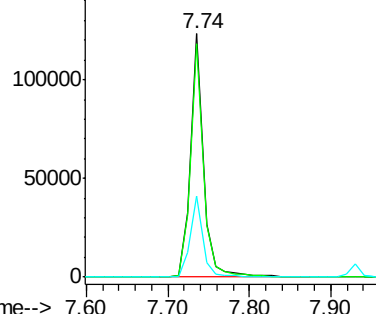


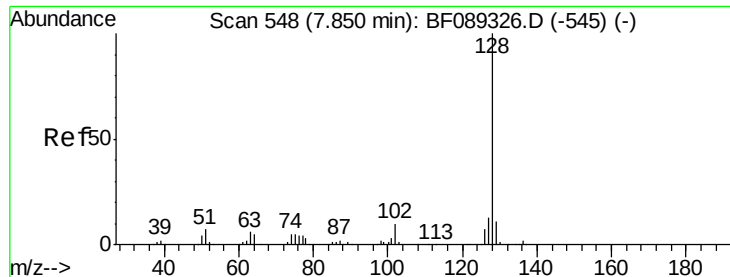
#30
 1,2,4-Trichlorobenzene
 Concen: 47.54 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.05 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	78.2	117.2
145	33.2	24.6	36.8



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

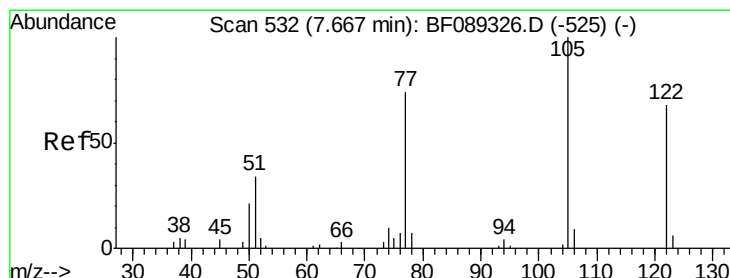
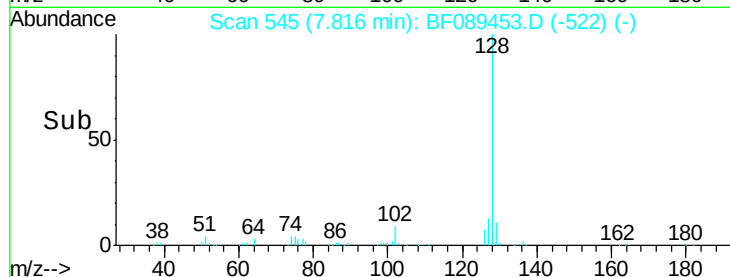
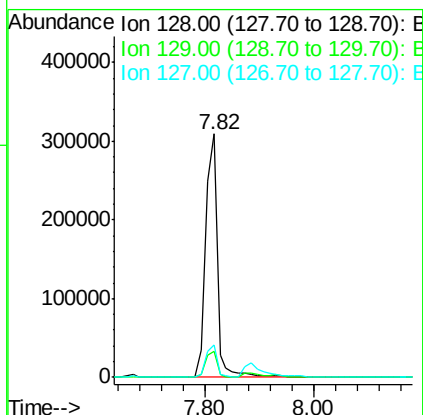
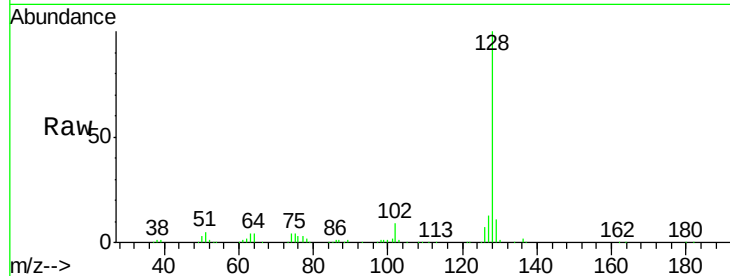




#31
Naphthalene
Concen: 46.39 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.03 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

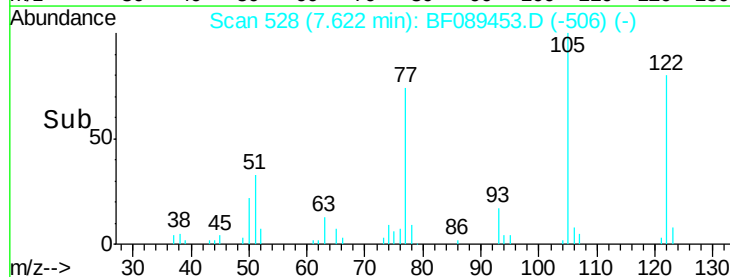
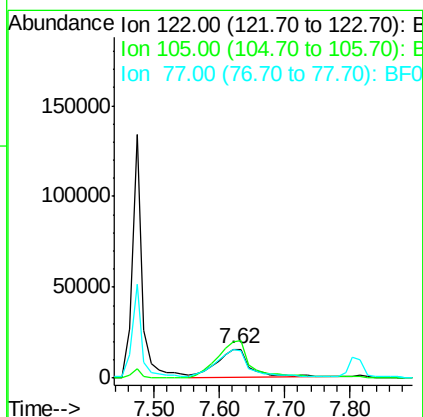
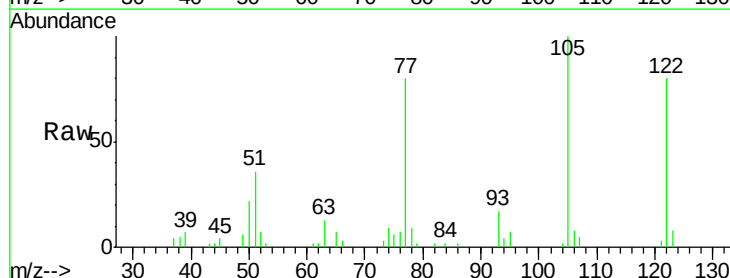
Instrument :
BNA_F
ClientSampleId :

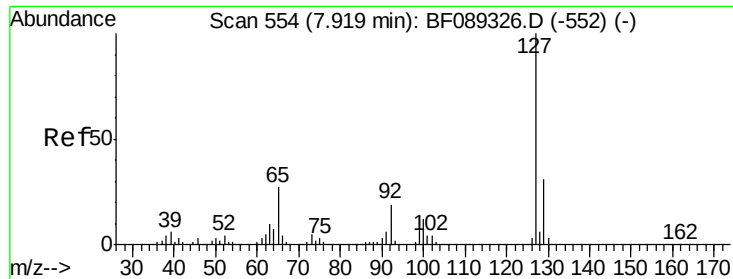
Tot Ion:128 Resp: 459985
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 28.95 ng
RT: 7.62 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Tgt Ion:122 Resp: 55472
Ion Ratio Lower Upper
122 100
105 124.3 106.4 146.4
77 99.4 76.4 116.4

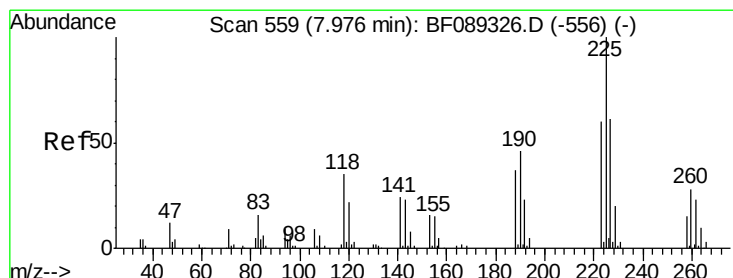
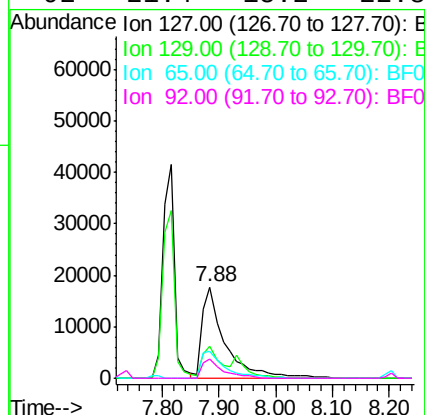
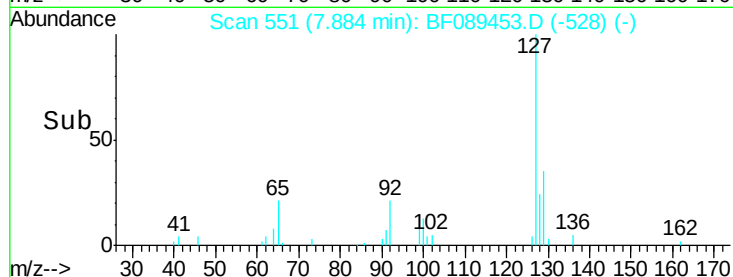
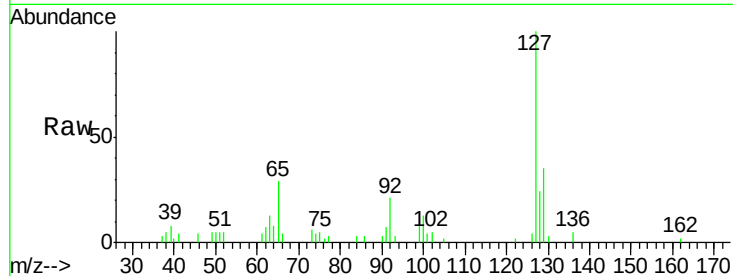




#33
4-Chloroaniline
Concen: 12.91 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.03 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

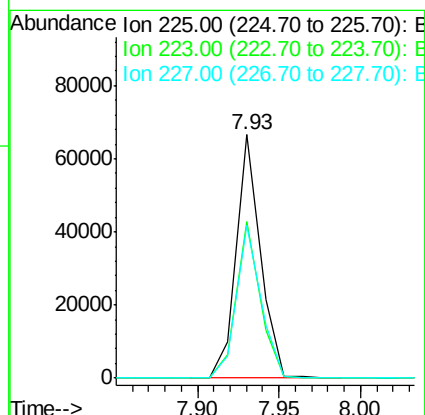
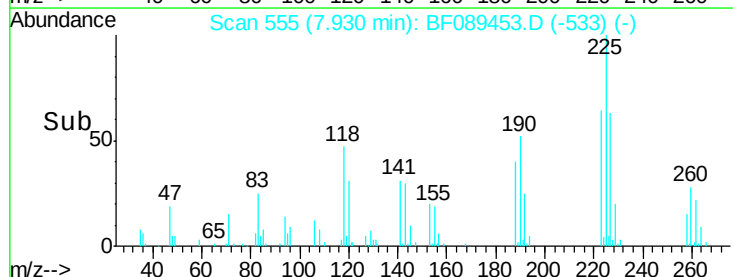
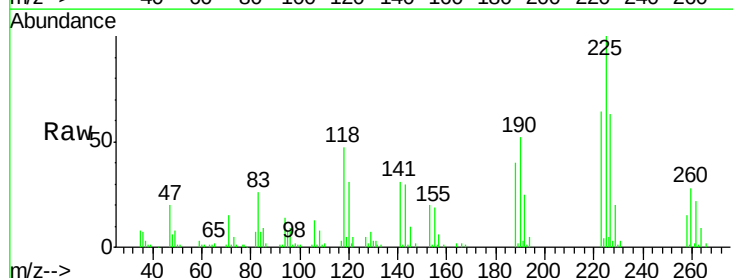
Instrument :
BNA_F
ClientSampleId :

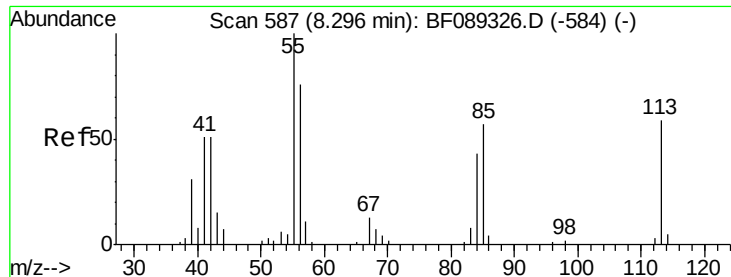
Tot Ion:	127	Resp:	48748
Ion	Ratio	Lower	Upper
127	100		
129	34.5	26.1	39.1
65	29.0	22.0	33.0
92	21.4	15.2	22.8



#34
Hexachlorobutadiene
Concen: 41.47 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.05 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Tgt Ion:	225	Resp:	67902
Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.8	74.8
227	62.9	49.4	74.2

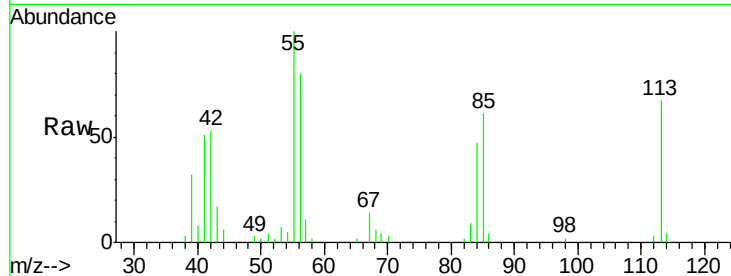




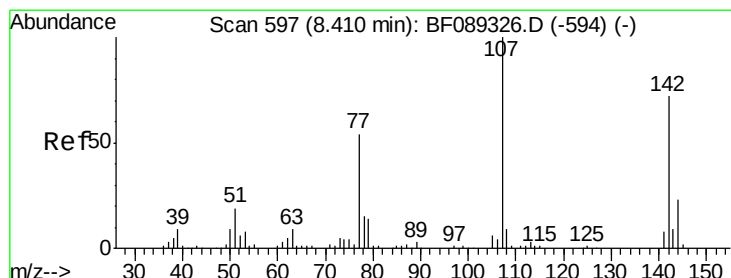
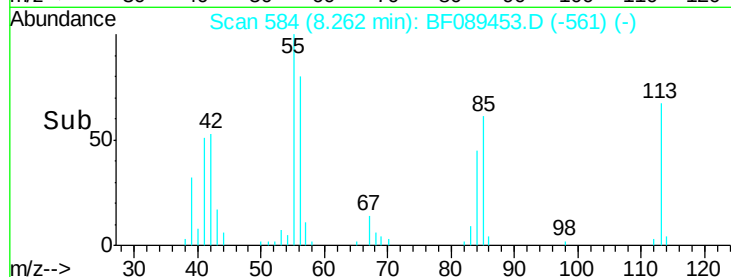
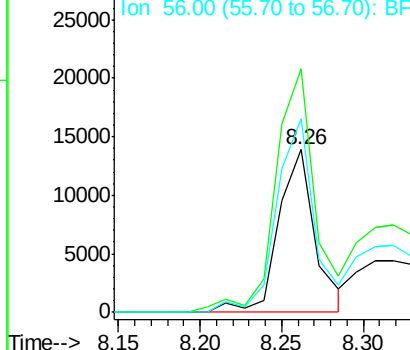
#35
Caprolactam
Concen: 28.67 ng
RT: 8.26 min Scan# 584
Delta R.T. -0.03 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 21682
Ion Ratio Lower Upper
113 100
55 149.9 142.3 182.3
56 119.4 105.8 145.8

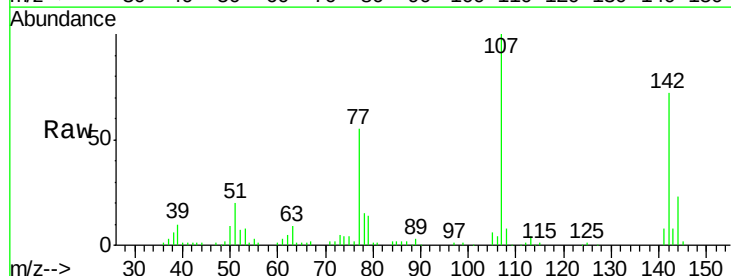


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

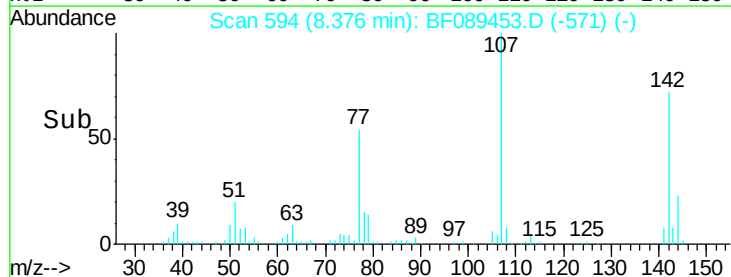
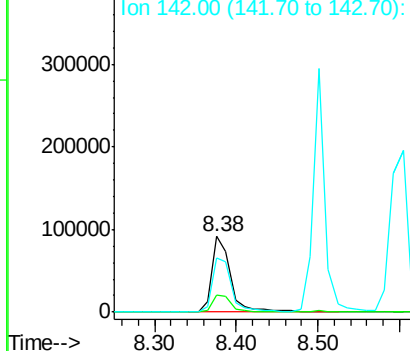


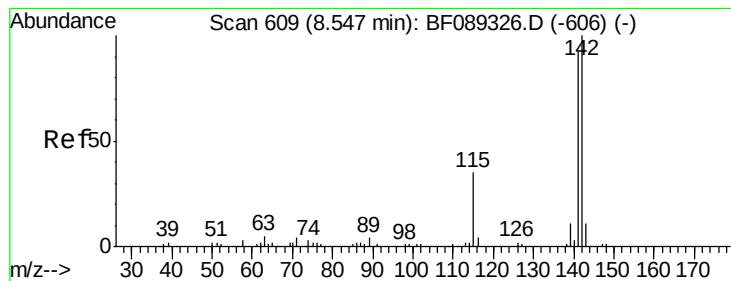
#36
4-Chloro-3-methylphenol
Concen: 49.36 ng
RT: 8.38 min Scan# 594
Delta R.T. -0.03 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Tgt Ion:107 Resp: 146994
Ion Ratio Lower Upper
107 100
144 22.8 18.4 27.6
142 72.0 58.6 87.8



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

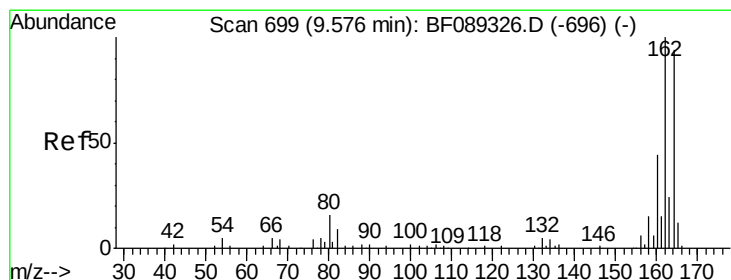
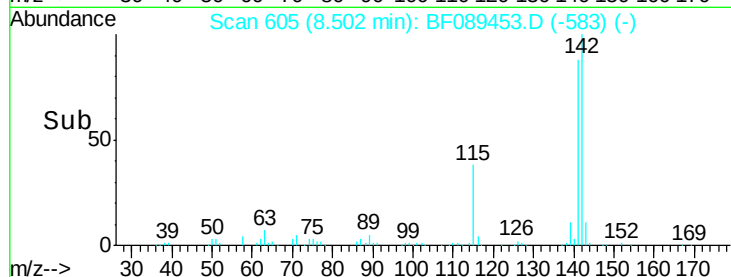
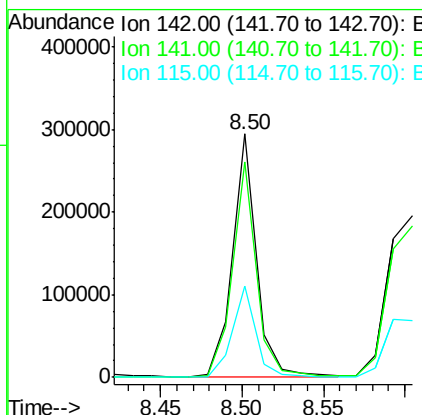
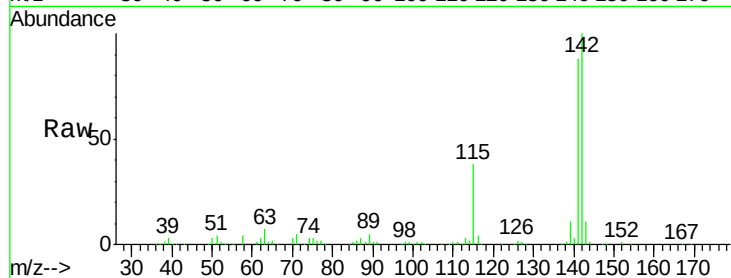




#37
2-Methylnaphthalene
Concen: 49.91 ng
RT: 8.50 min Scan# 605
Delta R.T. -0.05 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

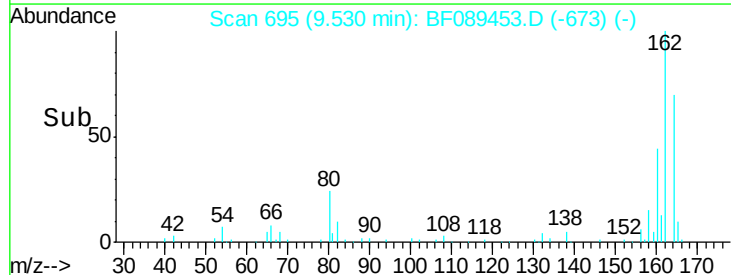
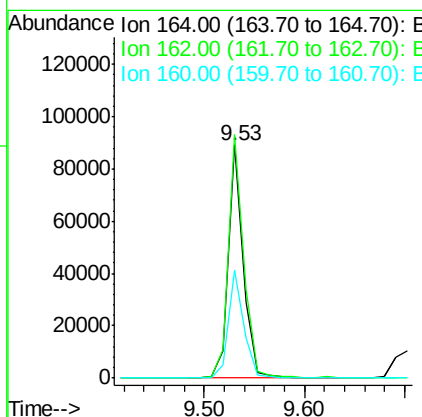
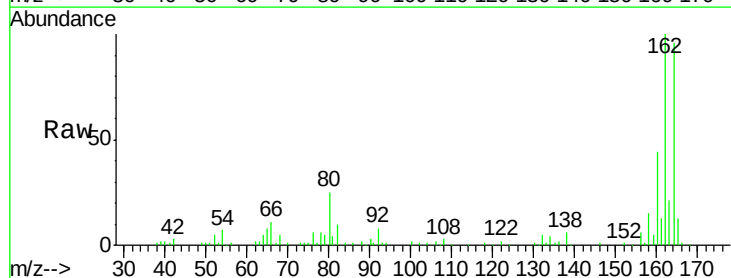
Instrument :
BNA_F
ClientSampleId :

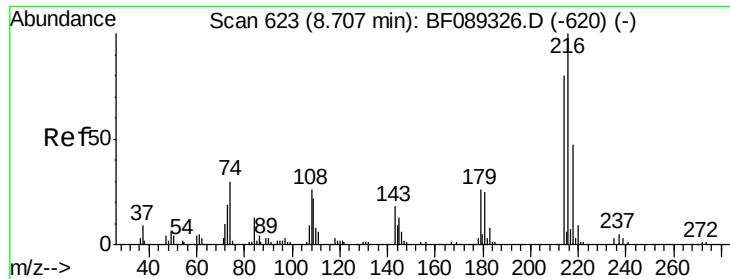
Tot Ion:142 Resp: 298207
Ion Ratio Lower Upper
142 100
141 88.3 70.9 106.3
115 37.5 27.6 41.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.05 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Tgt Ion:164 Resp: 91481
Ion Ratio Lower Upper
164 100
162 104.6 83.7 125.5
160 46.4 37.8 56.6

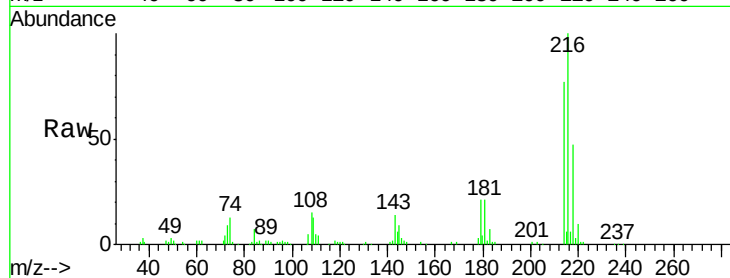




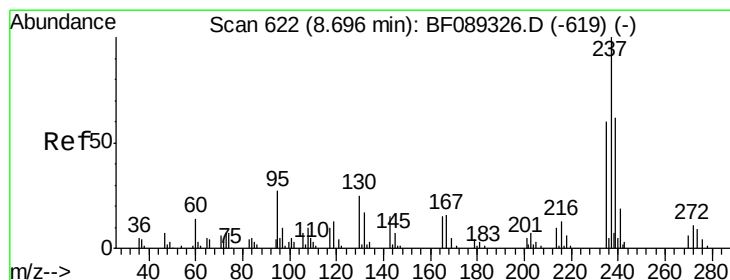
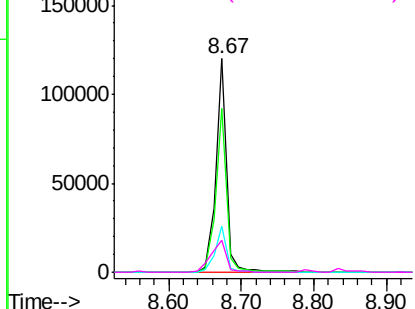
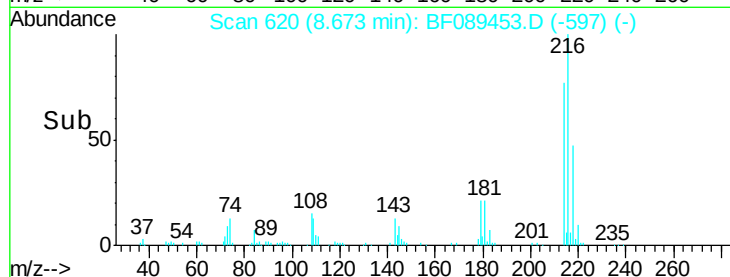
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.46 ng
 RT: 8.67 min Scan# 620
 Delta R.T. -0.03 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	123132
Ion Ratio	Lower	Upper
216	100	
214	77.7	63.3 94.9
179	21.9	18.1 27.1
108	21.5	17.2 25.8

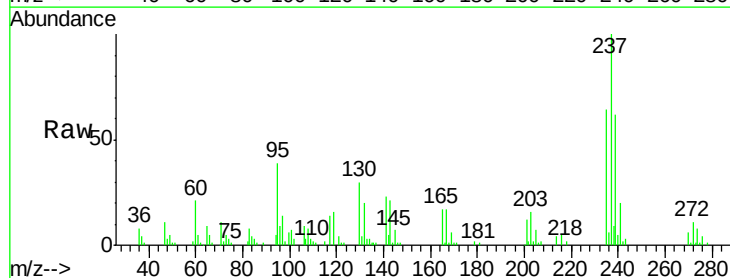


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

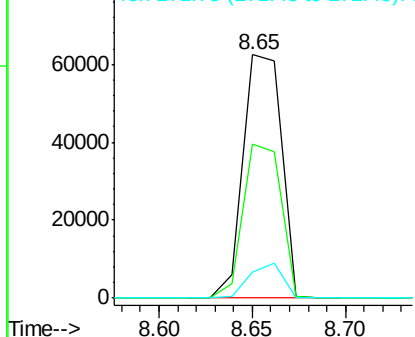
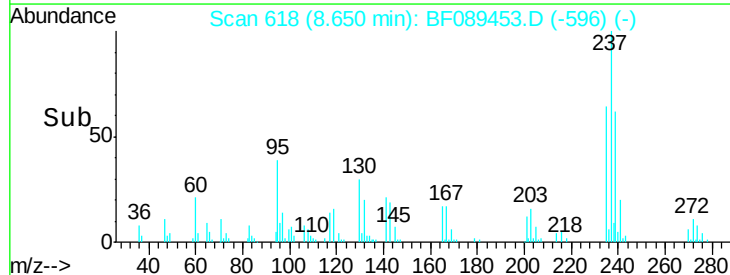


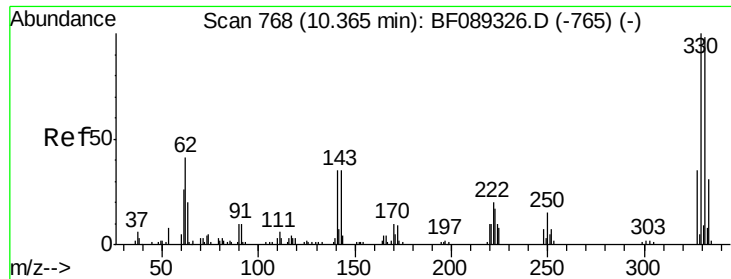
#40
 Hexachlorocyclopentadiene
 Concen: 95.64 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.05 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Tgt Ion:237	Resp:	89067
Ion Ratio	Lower	Upper
237	100	
235	63.5	41.6 81.6
272	10.6	0.0 30.8



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

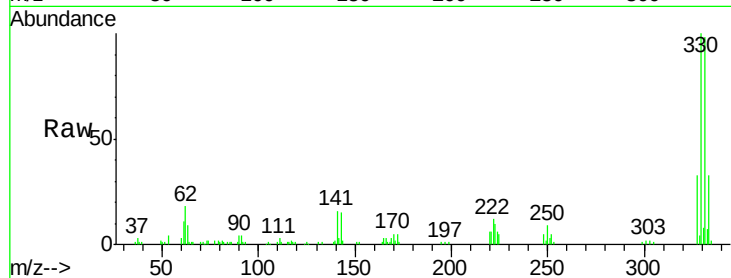




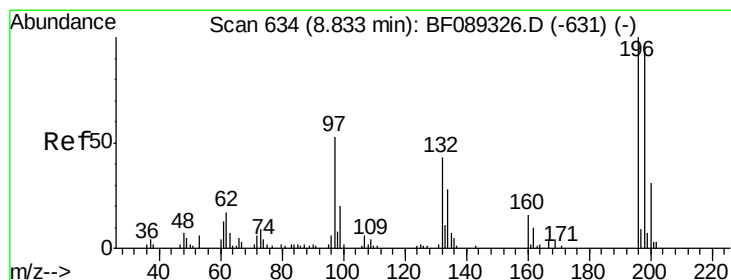
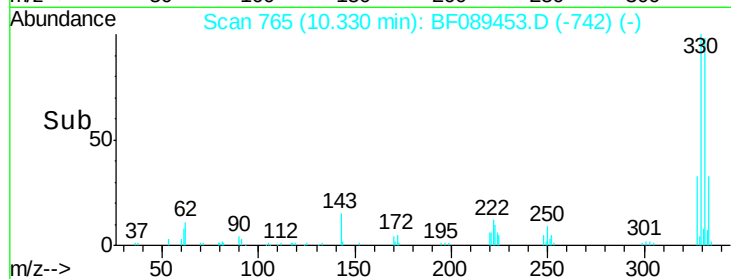
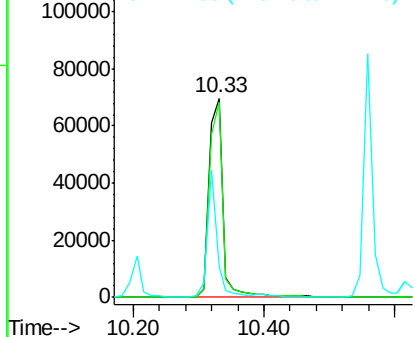
#41
 2,4,6-Tribromophenol
 Concen: 137.79 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.03 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 104395
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.8 115.2
 141 43.9 37.3 55.9

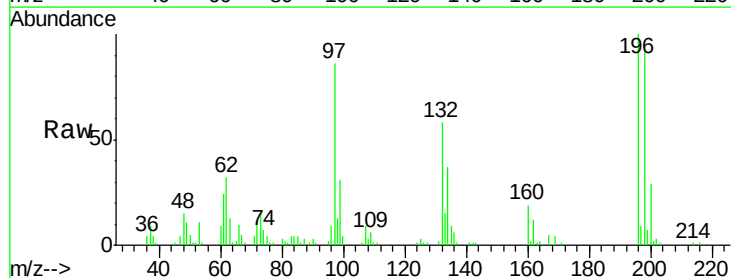


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

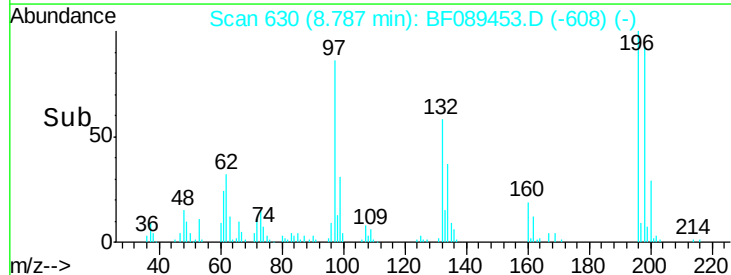
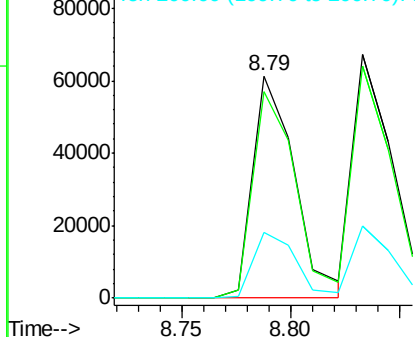


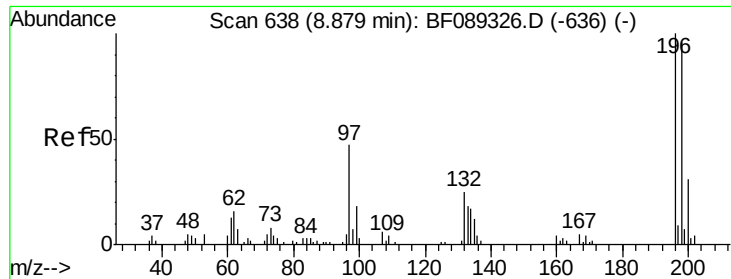
#42
 2,4,6-Trichlorophenol
 Concen: 54.21 ng
 RT: 8.79 min Scan# 630
 Delta R.T. -0.05 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Tgt Ion:196 Resp: 82517
 Ion Ratio Lower Upper
 196 100
 198 92.7 75.5 113.3
 200 29.3 23.9 35.9



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

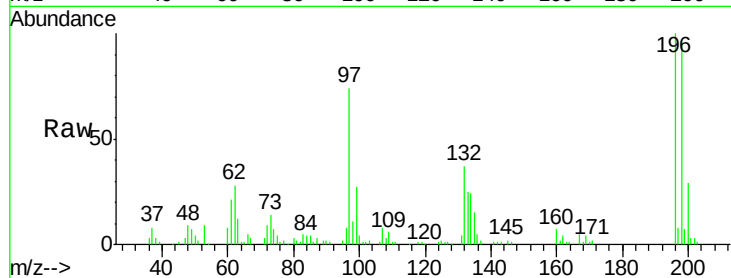




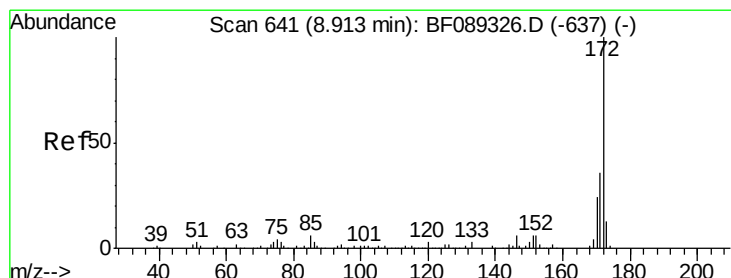
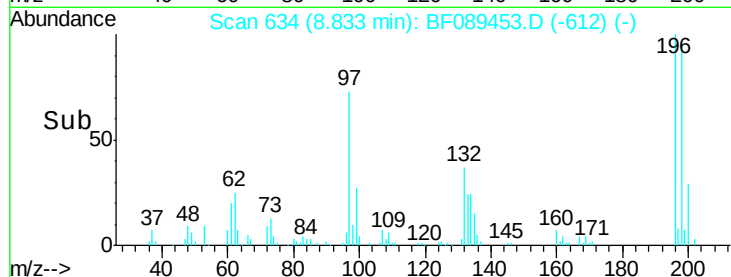
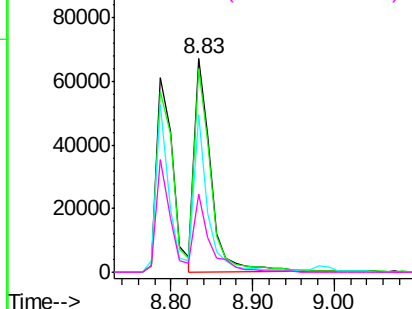
#43
 2,4,5-Trichlorophenol
 Concen: 48.47 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.05 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 93449
 Ion Ratio Lower Upper
 196 100
 198 95.5 78.7 118.1
 97 73.8 39.7 59.5#
 132 36.8 22.8 34.2#

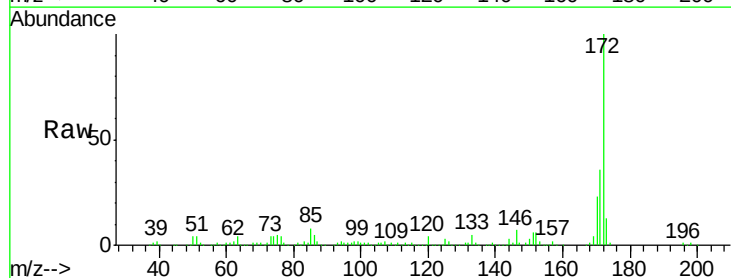


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

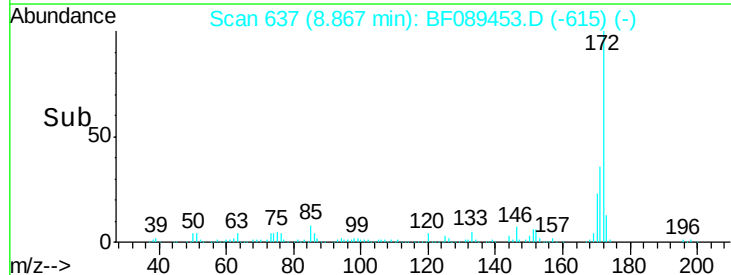
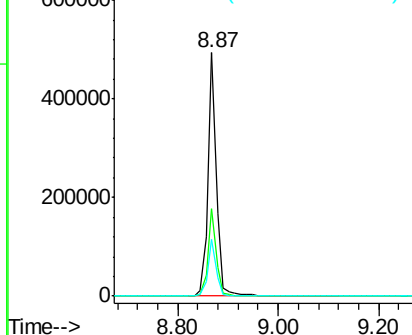


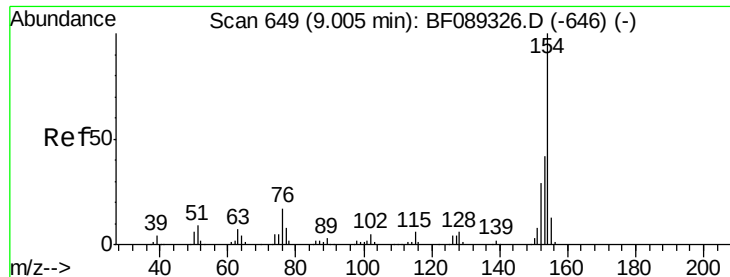
#44
 2-Fluorobiphenyl
 Concen: 93.26 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.05 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Tgt Ion:172 Resp: 581366
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.2 43.8
 170 23.4 19.2 28.8



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

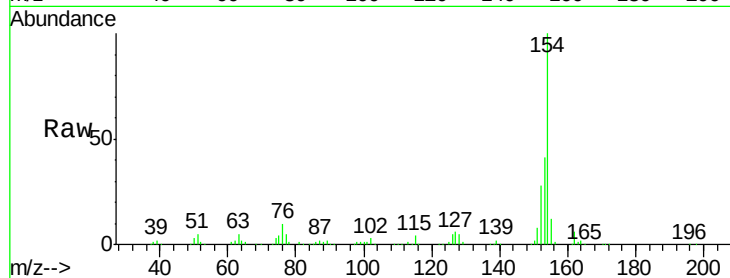




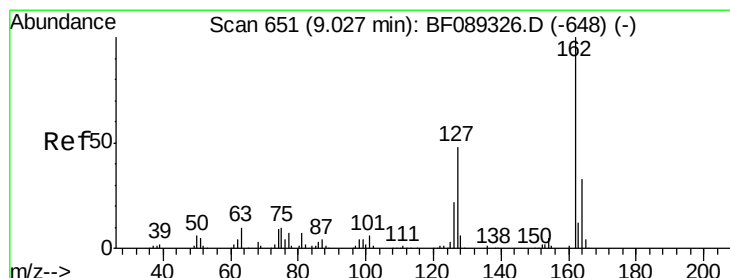
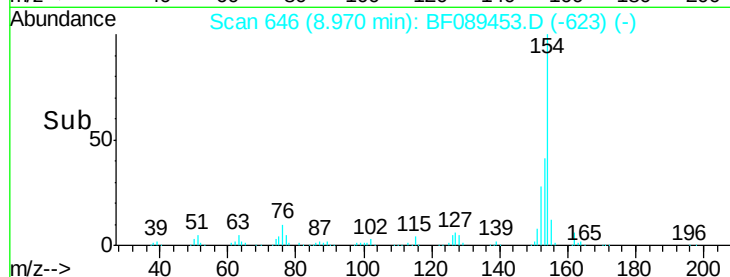
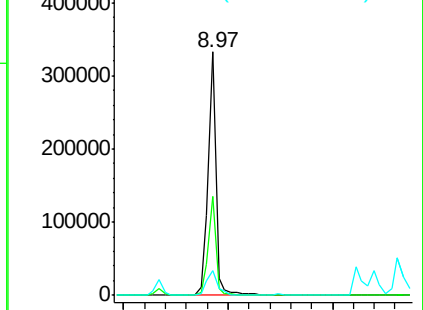
#45
 1,1'-Biphenyl
 Concen: 44.35 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.03 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 345426
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.0 61.0
 76 10.3 0.0 36.6

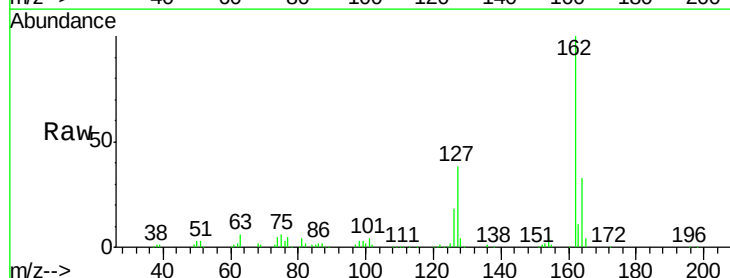


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

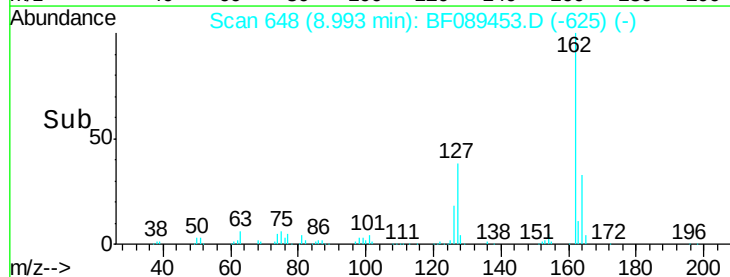
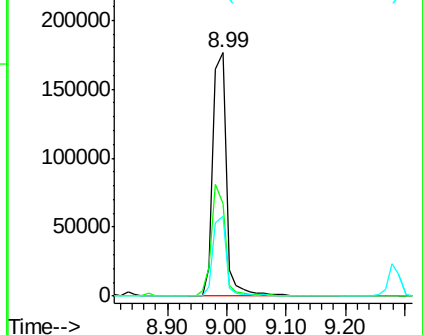


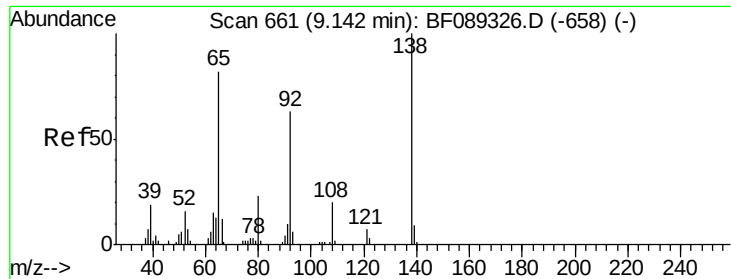
#46
 2-Chloronaphthalene
 Concen: 47.76 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.03 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Tgt Ion:162 Resp: 279367
 Ion Ratio Lower Upper
 162 100
 127 38.1 37.8 56.8
 164 33.0 25.8 38.8



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 52.50 ng

RT: 9.10 min Scan# 657

Delta R.T. -0.05 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Instrument :

BNA_F

ClientSampled :

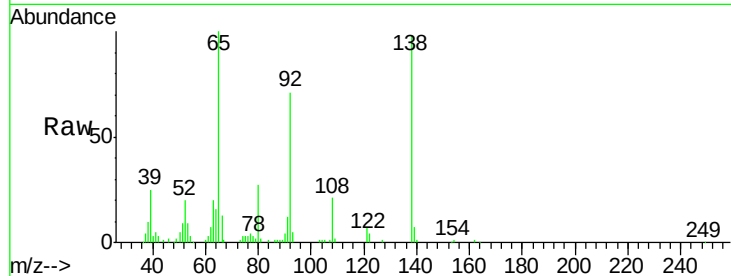
Tot Ion: 65 Resp: 90940

Ion Ratio Lower Upper

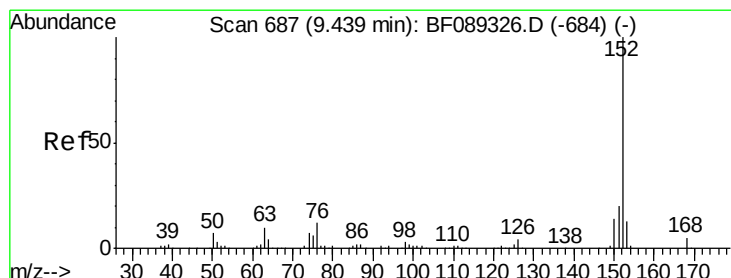
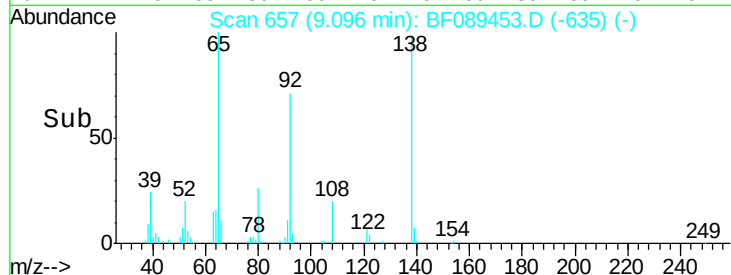
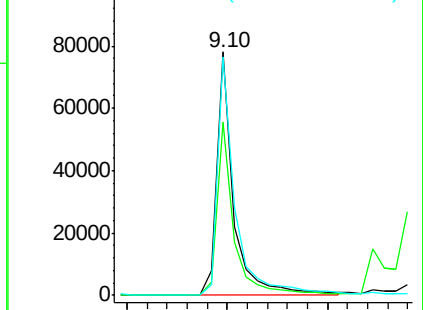
65 100

92 71.1 61.0 91.4

138 97.8 99.1 148.7#



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



#48

Acenaphthylene

Concen: 46.94 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.05 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

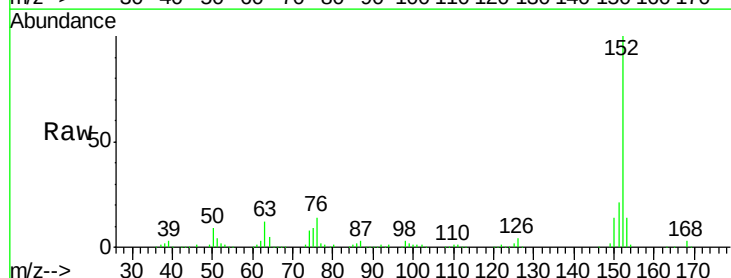
Tgt Ion: 152 Resp: 432489

Ion Ratio Lower Upper

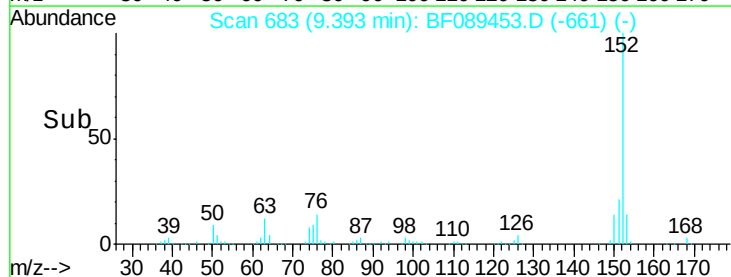
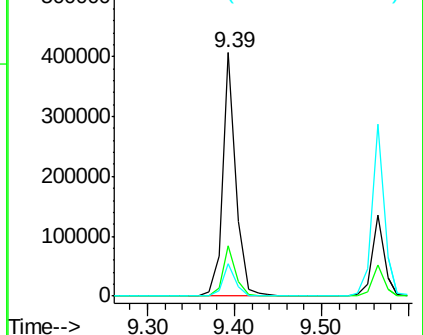
152 100

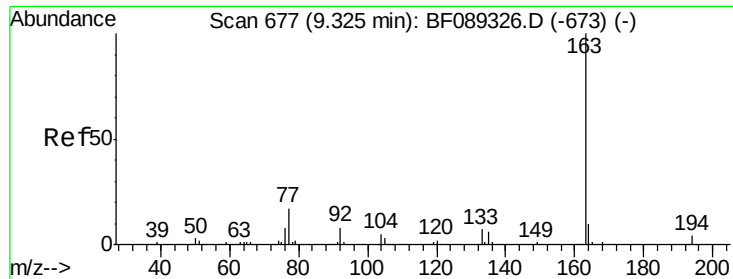
151 20.5 16.2 24.2

153 13.6 10.2 15.4



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

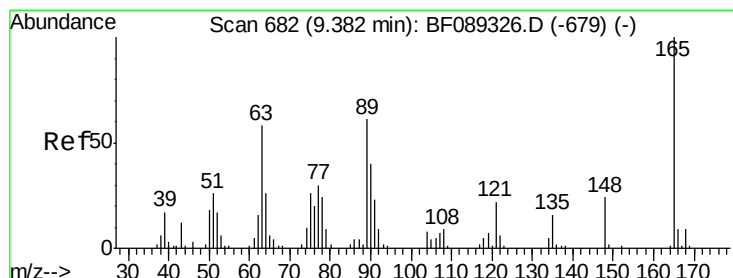
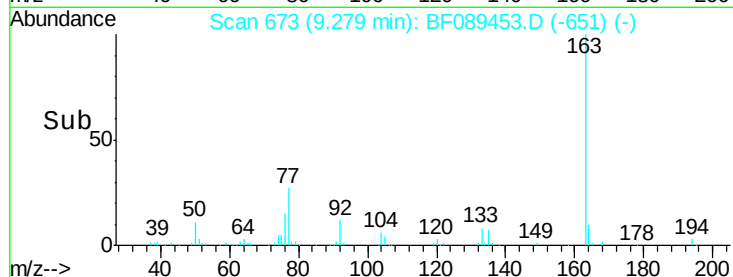
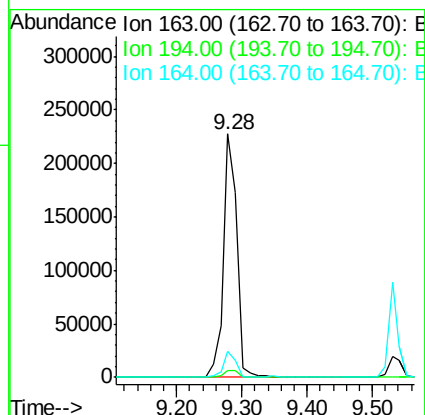
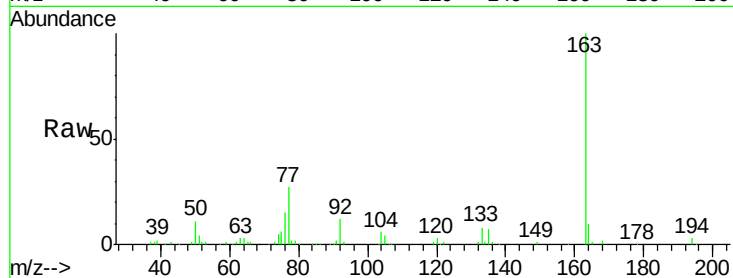




#49
Dimethylphthalate
Concen: 47.25 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

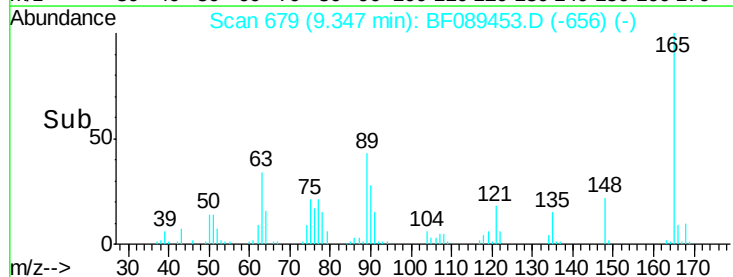
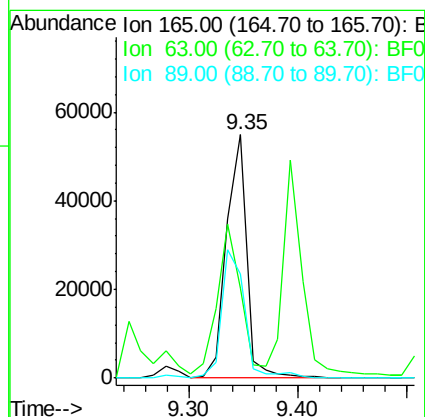
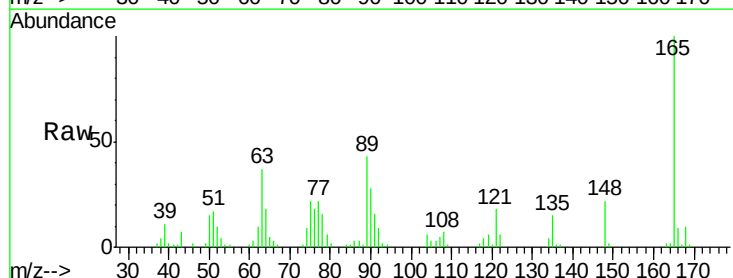
Instrument :
BNA_F
ClientSampleId :

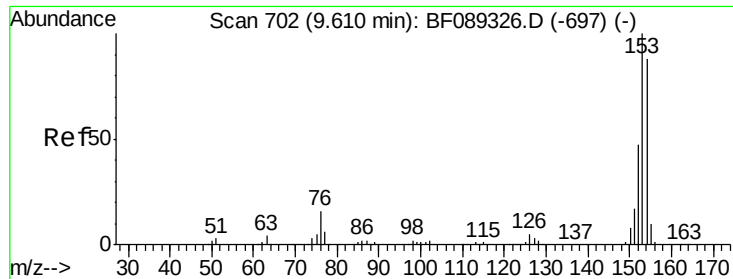
Tot Ion:163 Resp: 328991
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 10.5 7.8 11.8



#50
2,6-Dinitrotoluene
Concen: 49.86 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Tgt Ion:165 Resp: 71325
Ion Ratio Lower Upper
165 100
63 36.9 43.5 65.3#
89 42.8 45.0 67.4#

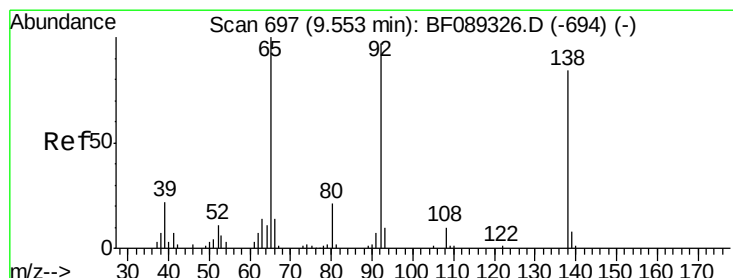
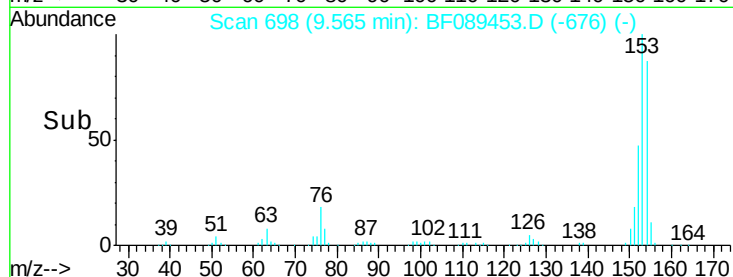
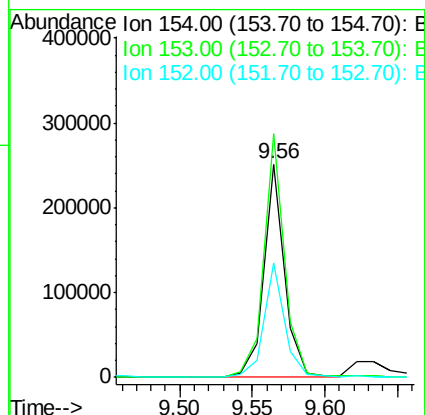
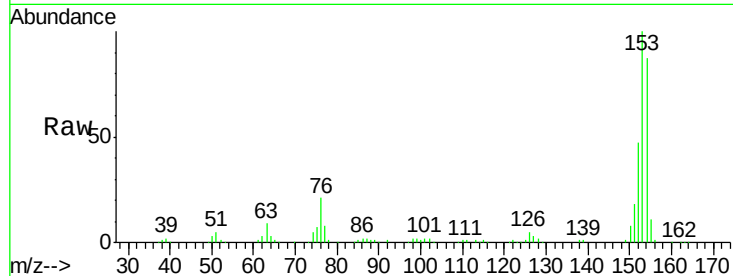




#51
Acenaphthene
Concen: 46.15 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.05 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

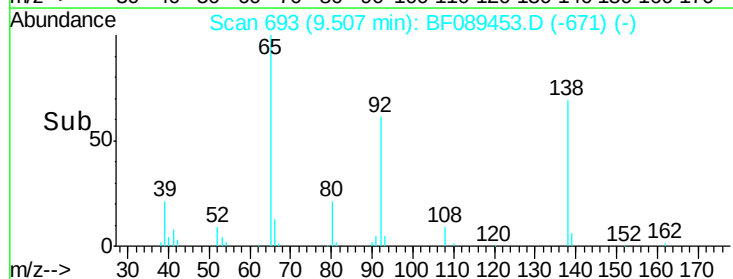
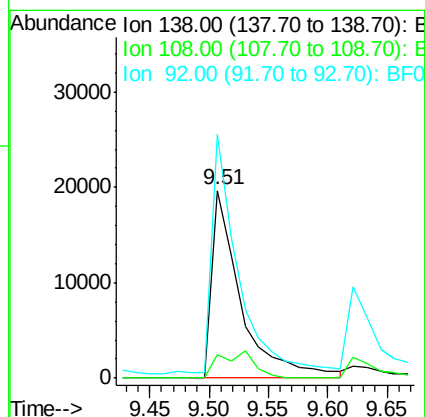
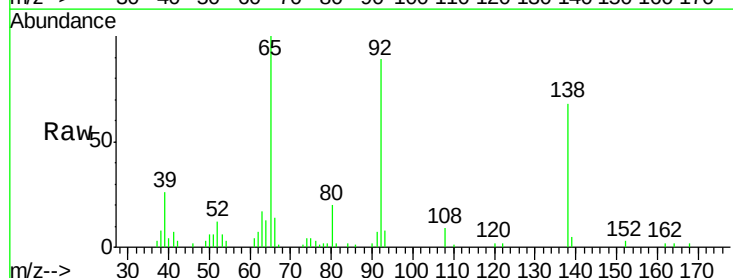
Instrument :
BNA_F
ClientSampleId :

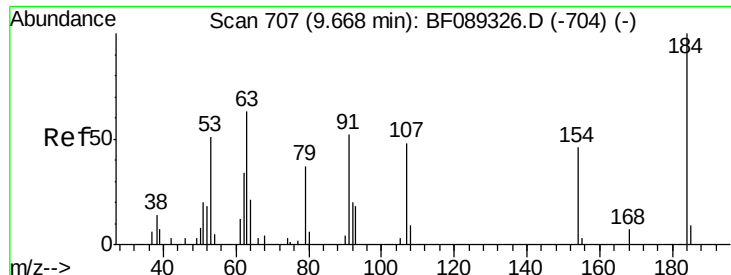
Tot Ion:154 Resp: 248316
Ion Ratio Lower Upper
154 100
153 114.3 91.4 137.2
152 53.5 43.8 65.6



#52
3-Nitroaniline
Concen: 22.16 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.05 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Tgt Ion:138 Resp: 33455
Ion Ratio Lower Upper
138 100
108 12.6 8.6 13.0
92 129.8 90.0 135.0

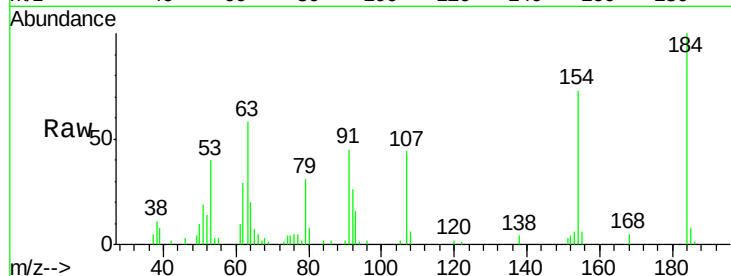




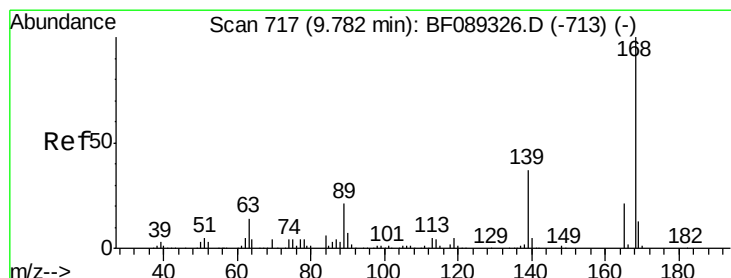
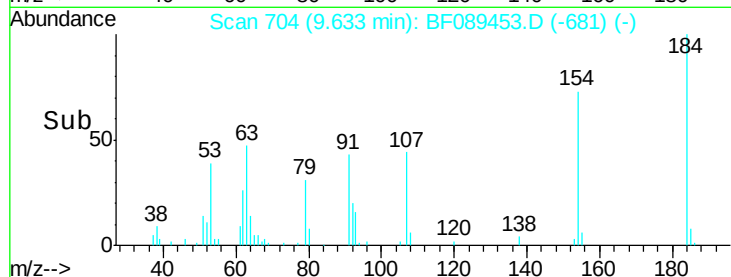
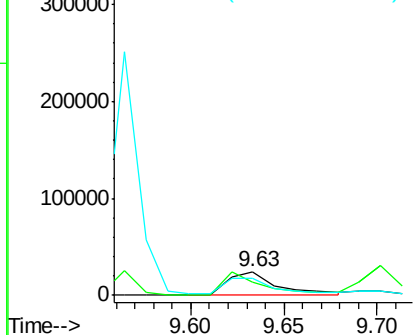
#53
 2,4-Dinitrophenol
 Concen: 72.23 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.03 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 45341
 Ion Ratio Lower Upper
 184 100
 63 57.9 60.6 90.8#
 154 72.8 69.8 104.8

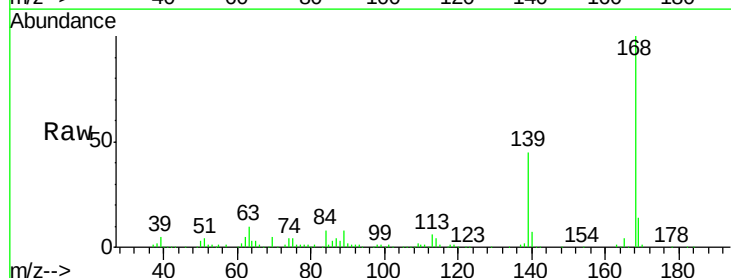


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

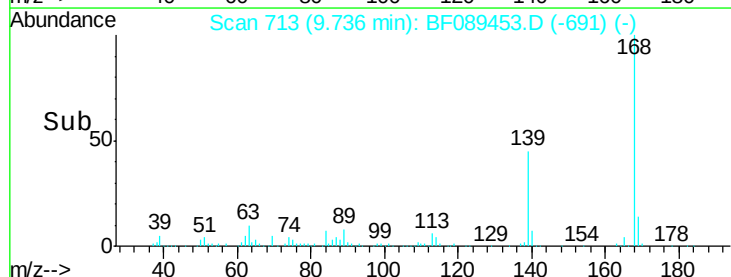
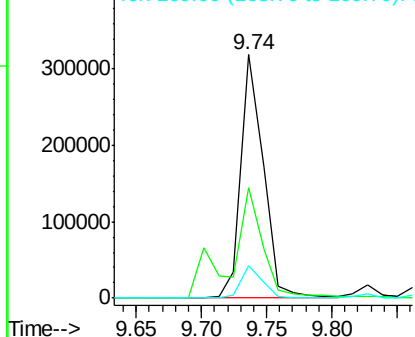


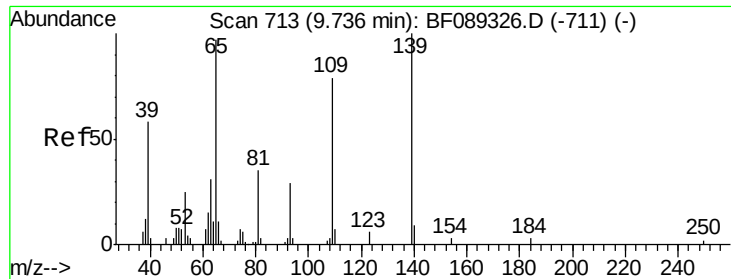
#54
 Dibenzofuran
 Concen: 51.88 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.05 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Tgt Ion:168 Resp: 380408
 Ion Ratio Lower Upper
 168 100
 139 45.2 33.7 50.5
 169 13.5 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

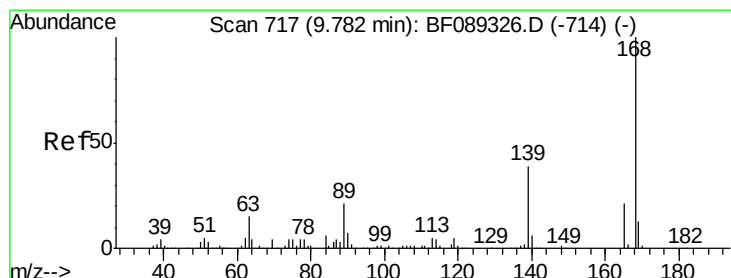
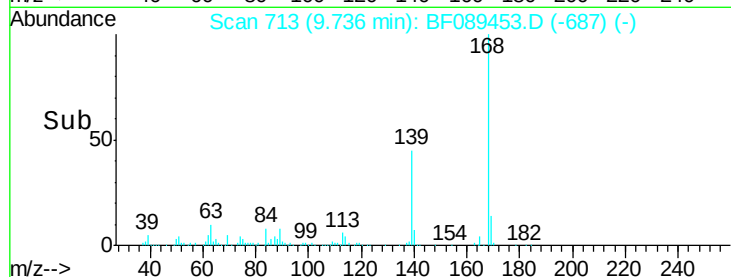
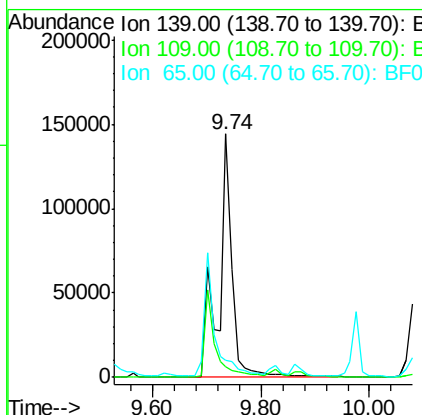
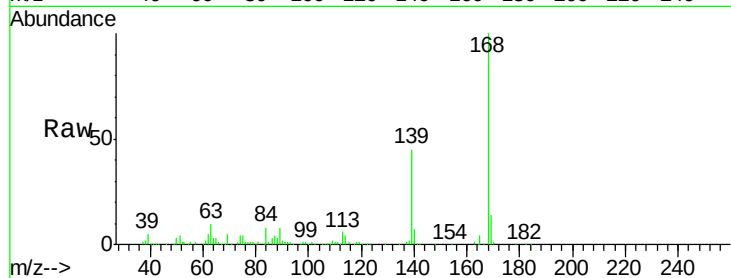




#55
4-Nitrophenol
Concen: 324.48 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

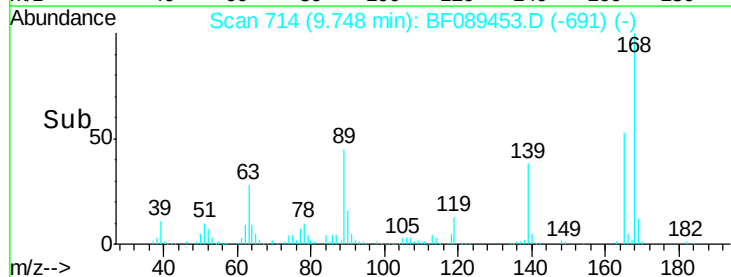
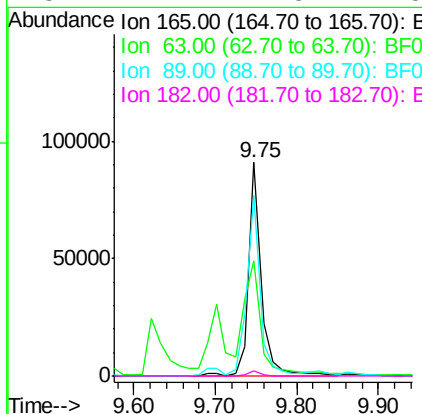
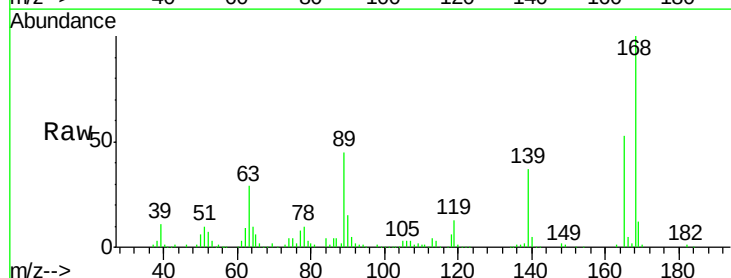
Instrument :
BNA_F
ClientSampleId :

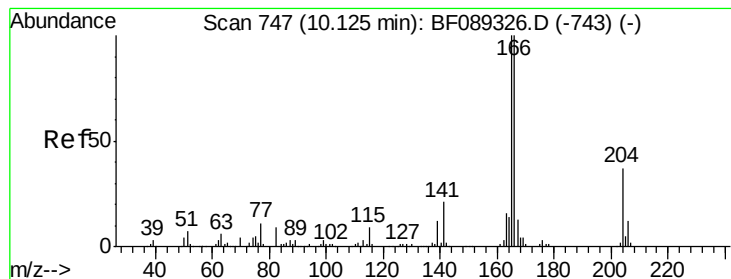
Tot Ion:139 Resp: 253630
Ion Ratio Lower Upper
139 100
109 4.5 57.8 97.8#
65 6.8 81.7 121.7#



#56
2,4-Dinitrotoluene
Concen: 52.21 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.03 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Tgt Ion:165 Resp: 98319
Ion Ratio Lower Upper
165 100
63 53.8 58.2 87.2#
89 84.6 79.1 118.7
182 2.7 1.8 2.8





#57

Fluorene

Concen: 47.41 ng

RT: 10.08 min Scan# 743

Delta R.T. -0.05 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Instrument :
BNA_F
ClientSampleId :

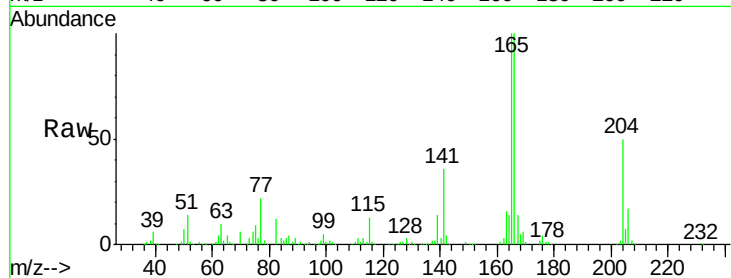
Tot Ion:166 Resp: 303435

Ion Ratio Lower Upper

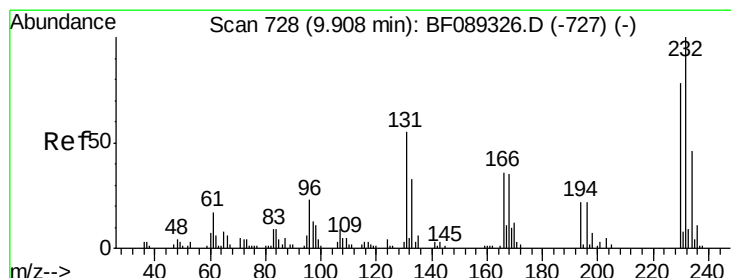
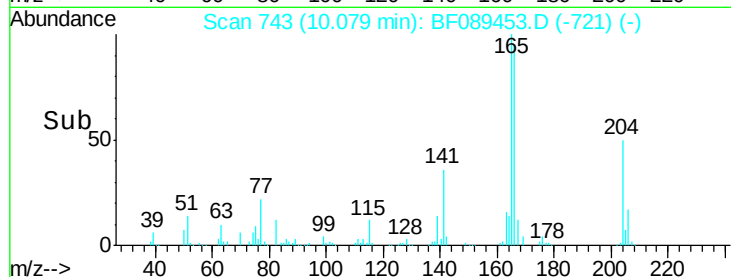
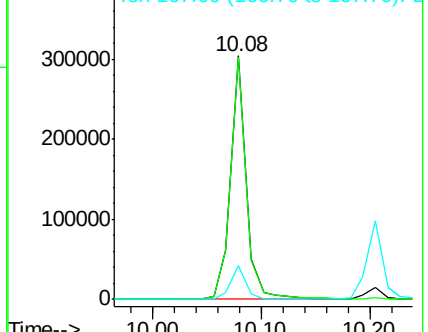
166 100

165 99.6 79.0 118.4

167 13.6 10.2 15.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.44 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.03 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Tgt Ion:232 Resp: 68786

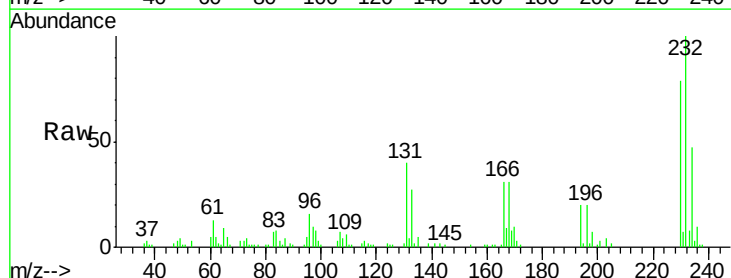
Ion Ratio Lower Upper

232 100

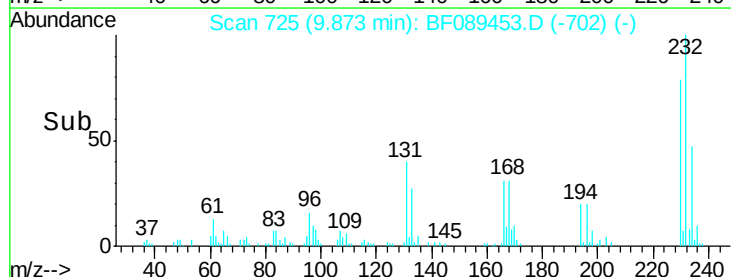
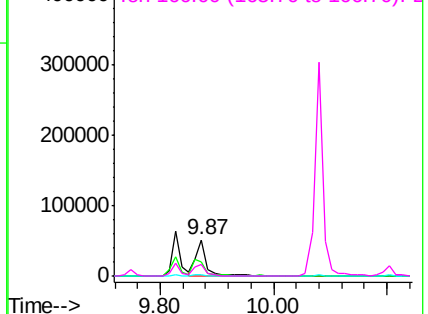
131 53.4 42.7 64.1

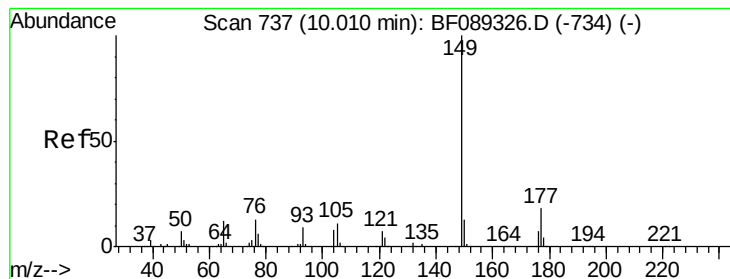
130 2.5 1.7 2.5

166 33.5 25.7 38.5



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 47.80 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.03 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Instrument :

BNA_F

ClientSampleId :

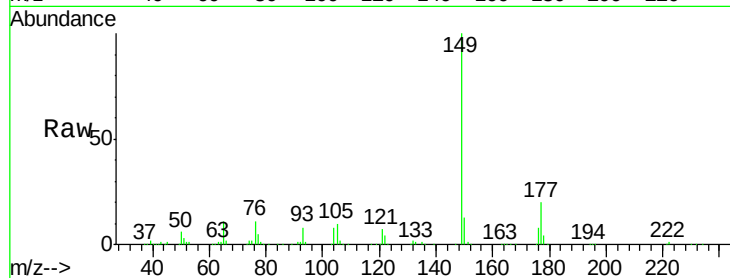
Tot Ion:149 Resp: 337422

Ion Ratio Lower Upper

149 100

177 19.6 15.1 22.7

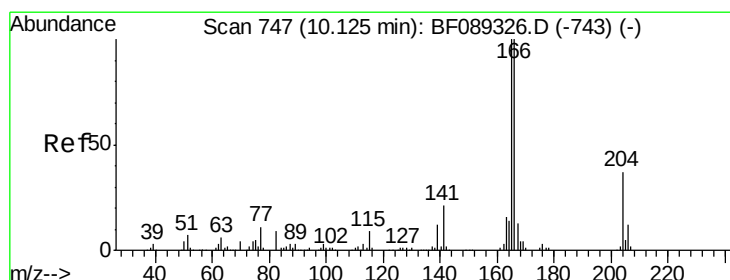
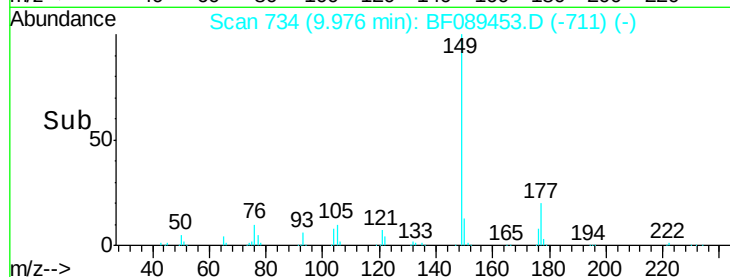
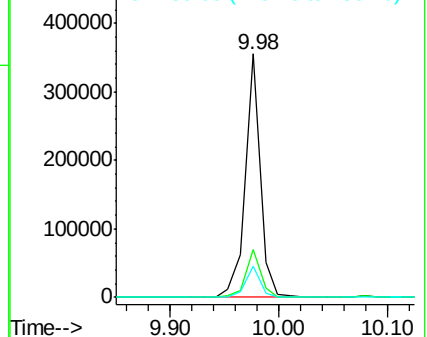
150 12.6 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 49.16 ng

RT: 10.08 min Scan# 743

Delta R.T. -0.05 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

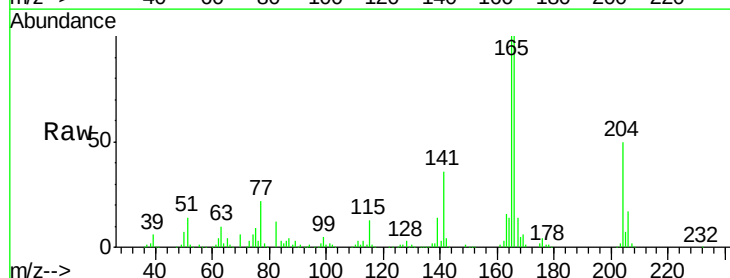
Tgt Ion:204 Resp: 144313

Ion Ratio Lower Upper

204 100

206 33.5 26.6 39.8

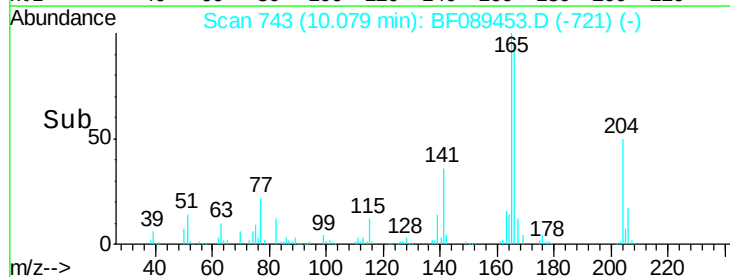
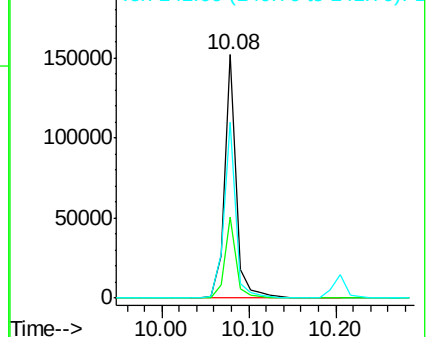
141 72.1 46.6 70.0#

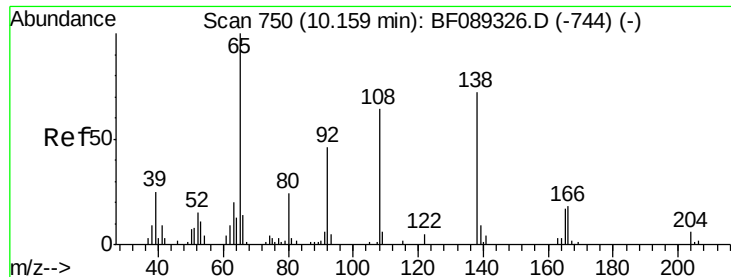


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.67 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Instrument :

BNA_F

ClientSampled :

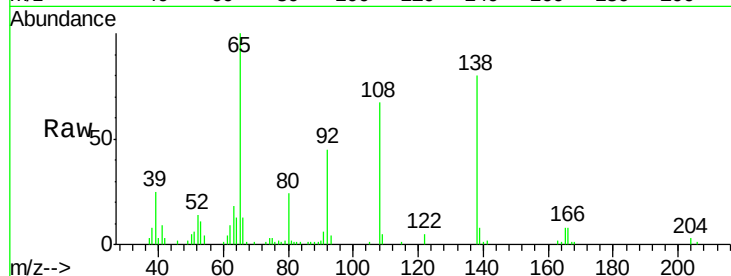
Tot Ion:138 Resp: 67949

Ion Ratio Lower Upper

138 100

92 56.9 41.2 81.2

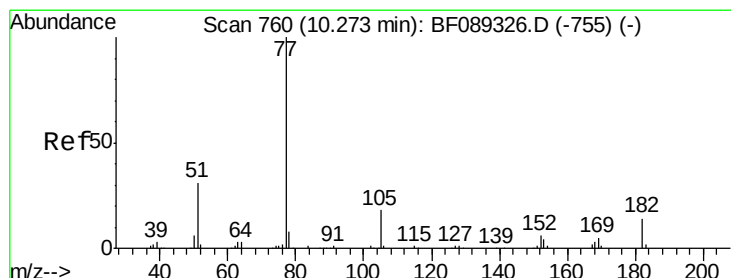
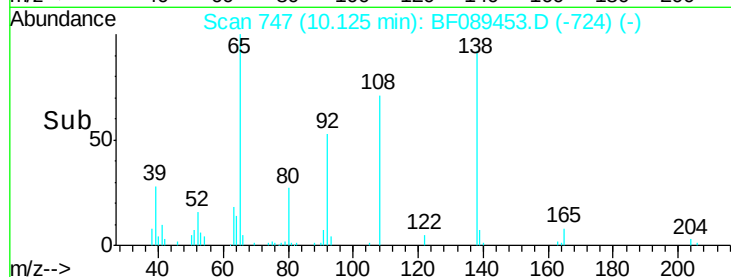
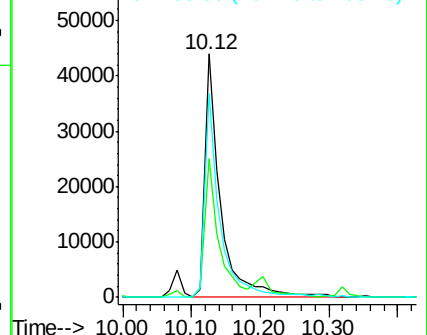
108 83.7 69.6 109.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 54.49 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.03 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Tgt Ion: 77 Resp: 396100

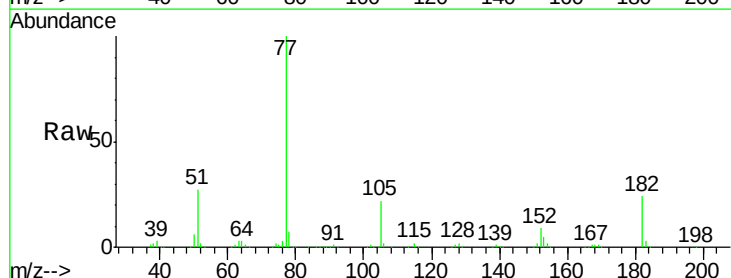
Ion Ratio Lower Upper

77 100

182 24.0 0.0 33.8

105 22.3 0.0 39.8

51 27.0 11.0 51.0

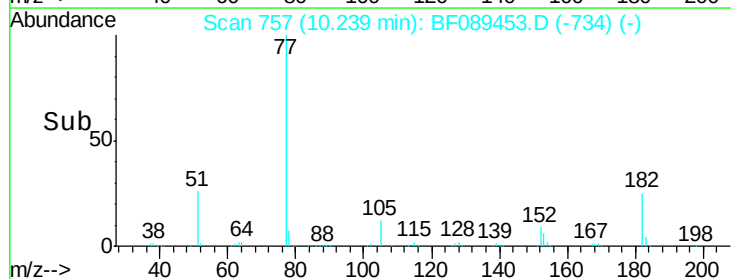
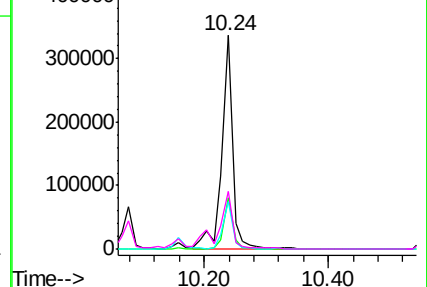


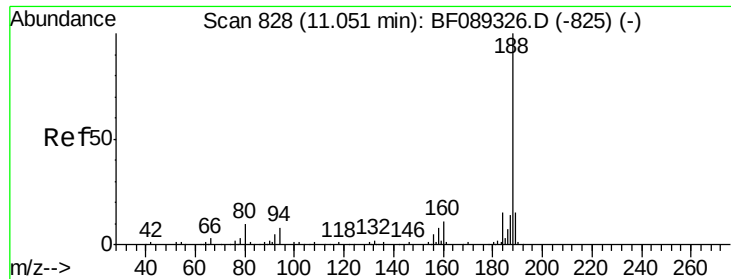
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.00 min Scan# 824

Delta R.T. -0.05 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Instrument :

BNA_F

ClientSampleId :

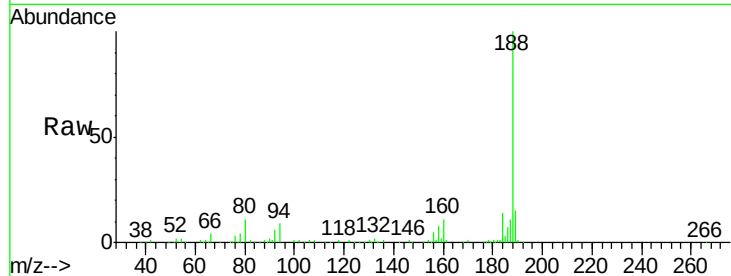
Tot Ion:188 Resp: 179734

Ion Ratio Lower Upper

188 100

94 9.5 6.5 9.7

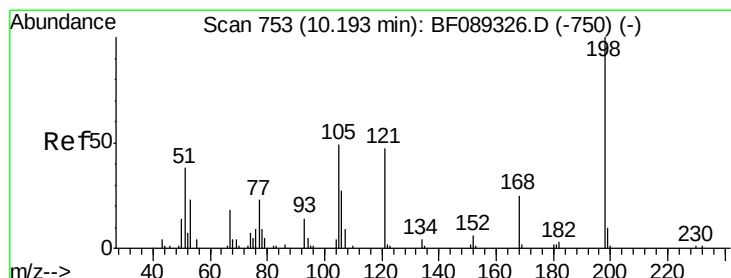
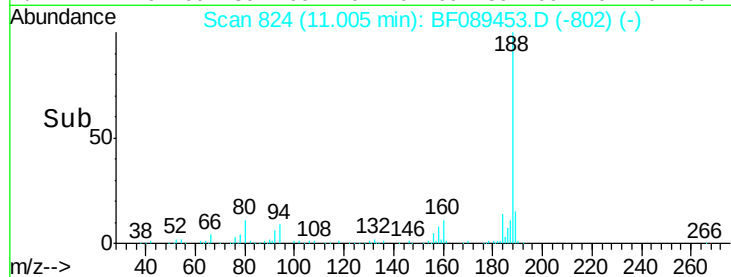
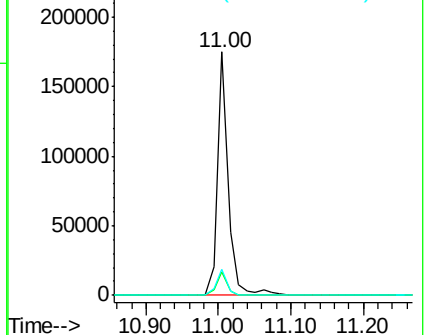
80 10.8 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 40.75 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.03 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

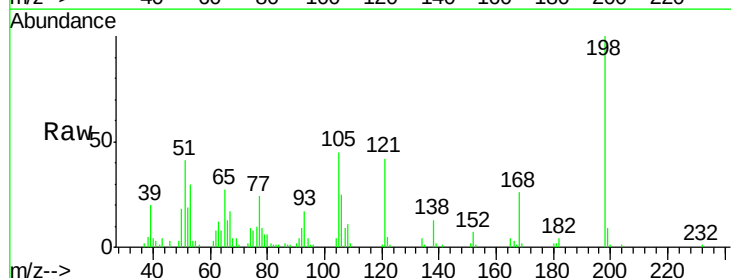
Tgt Ion:198 Resp: 43421

Ion Ratio Lower Upper

198 100

51 40.6 23.0 63.0

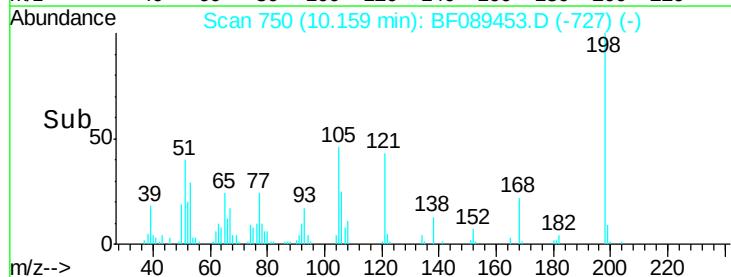
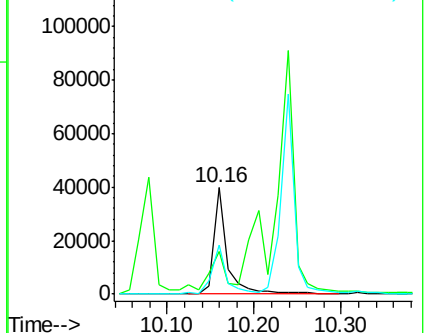
105 45.5 28.3 68.3

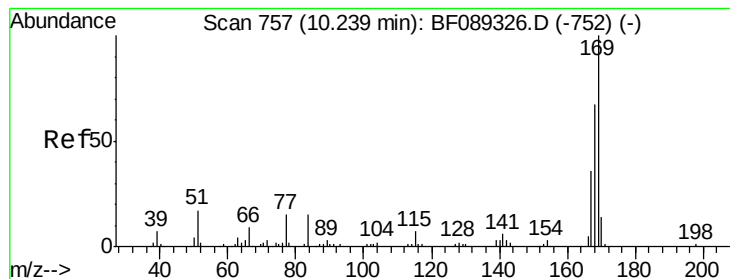


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 50.81 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.03 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Instrument :

BNA_F

ClientSampleId :

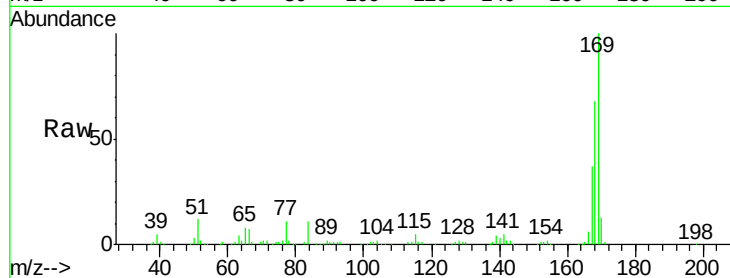
Tot Ion:169 Resp: 284926

Ion Ratio Lower Upper

169 100

168 68.2 55.4 83.0

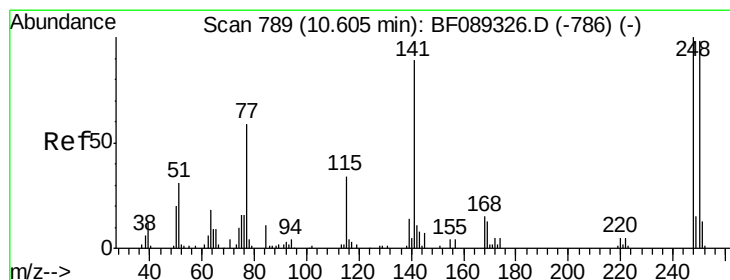
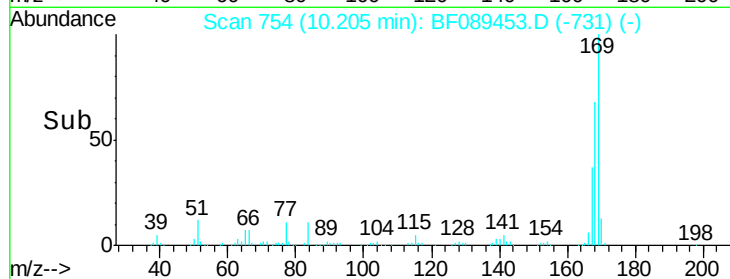
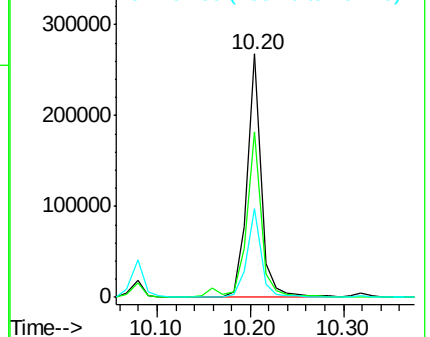
167 36.6 29.7 44.5



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.82 ng

RT: 10.56 min Scan# 785

Delta R.T. -0.05 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

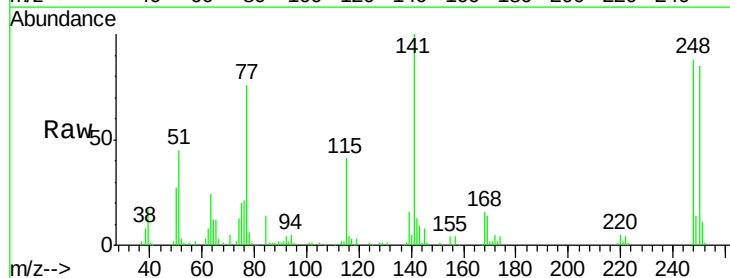
Tgt Ion:248 Resp: 82067

Ion Ratio Lower Upper

248 100

250 96.4 78.2 117.2

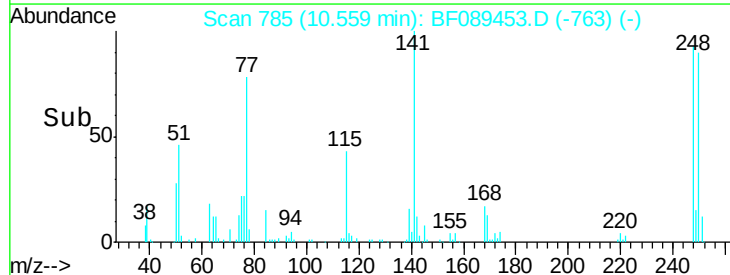
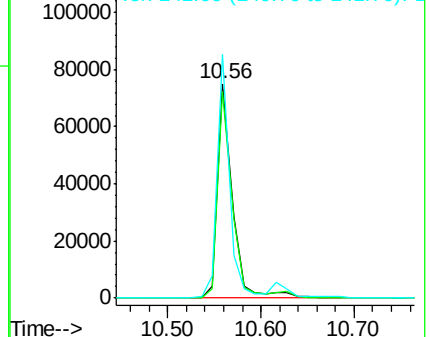
141 113.4 62.0 93.0#

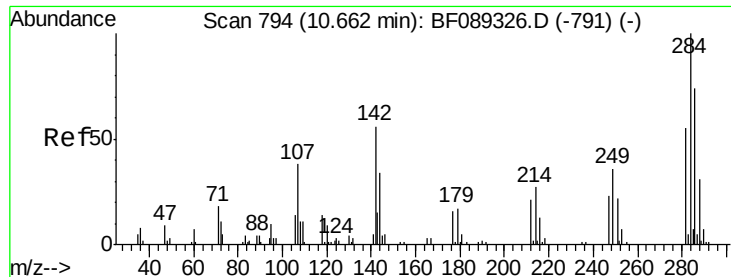


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

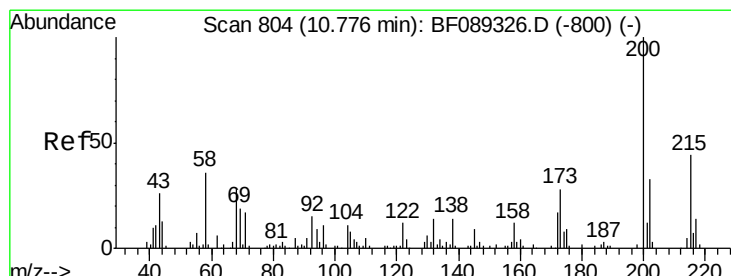
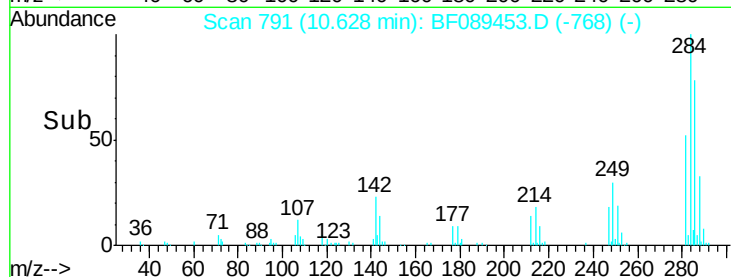
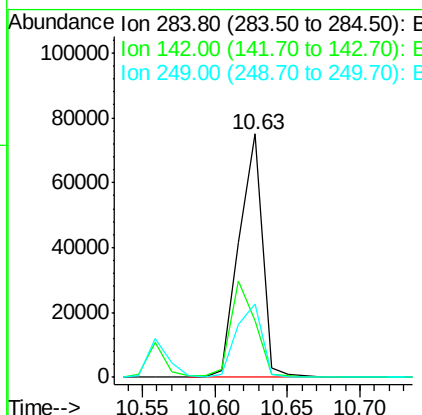
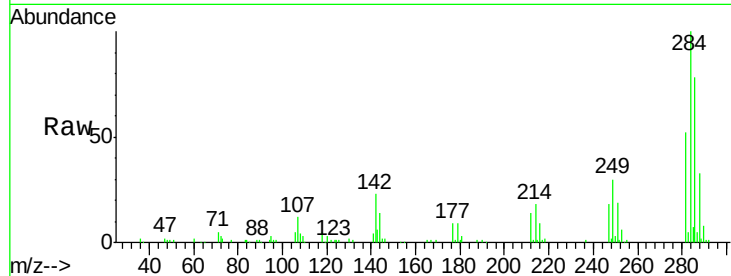




#67
Hexachlorobenzene
Concen: 47.95 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.03 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

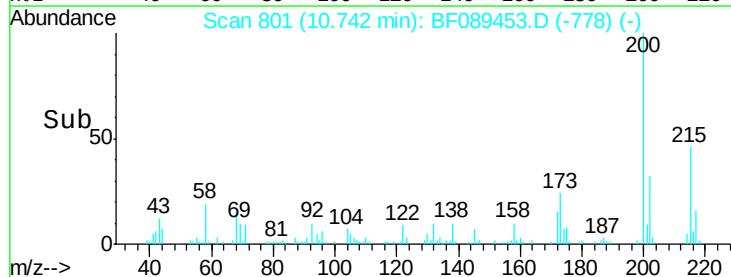
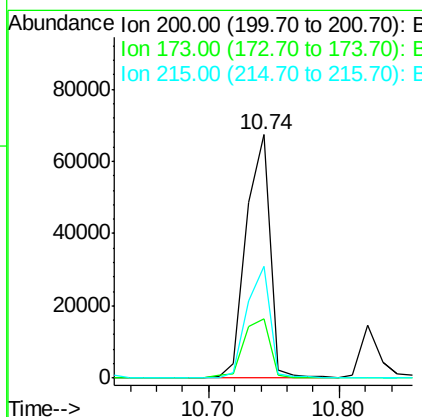
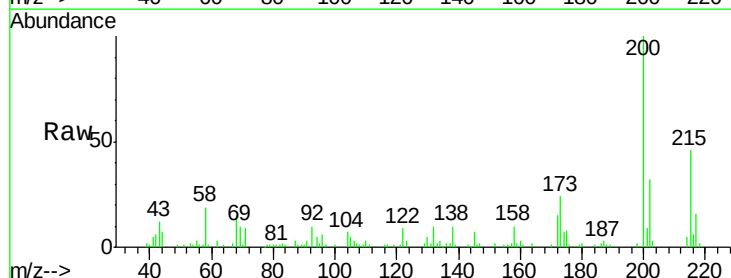
Instrument :
BNA_F
ClientSampleId :

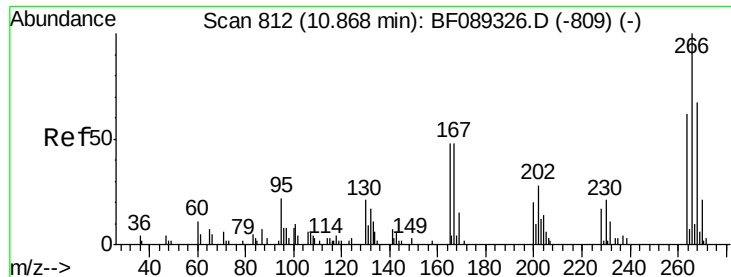
Tot Ion:284 Resp: 84328
Ion Ratio Lower Upper
284 100
142 23.3 42.2 63.4#
249 30.4 29.4 44.0



#68
Atrazine
Concen: 49.75 ng
RT: 10.74 min Scan# 801
Delta R.T. -0.03 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Tgt Ion:200 Resp: 85709
Ion Ratio Lower Upper
200 100
173 24.3 6.0 46.0
215 46.1 24.3 64.3

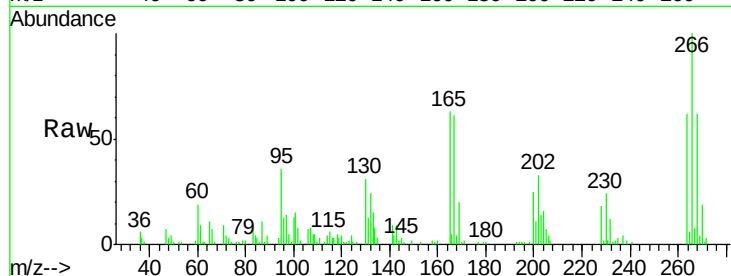




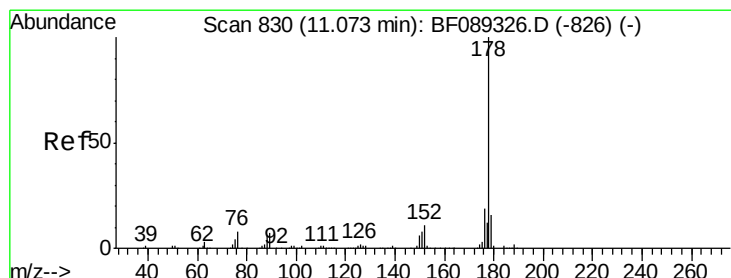
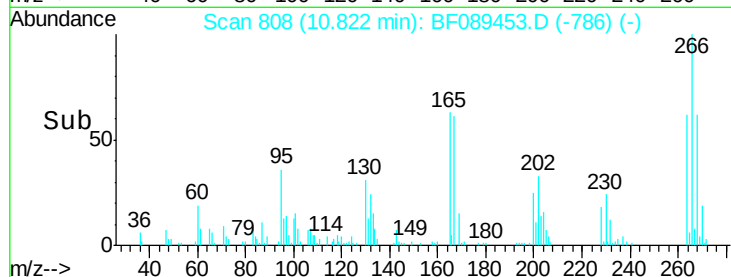
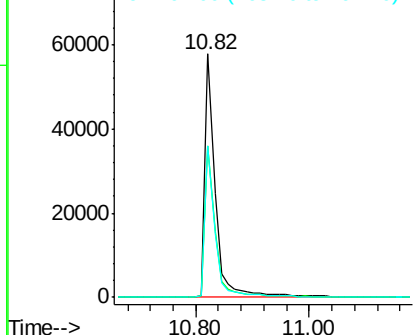
#69
 Pentachlorophenol
 Concen: 83.21 ng
 RT: 10.82 min Scan# 808
 Delta R.T. -0.05 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 71122
 Ion Ratio Lower Upper
 266 100
 268 62.3 49.4 74.2
 264 62.2 50.2 75.2

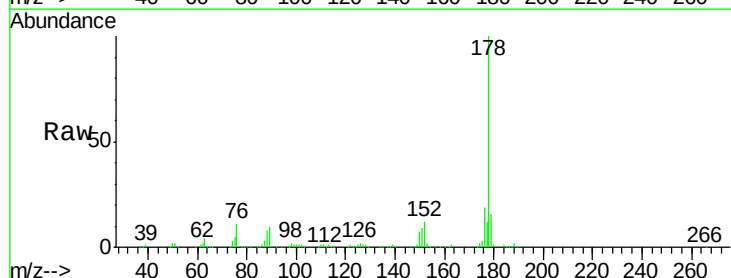


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

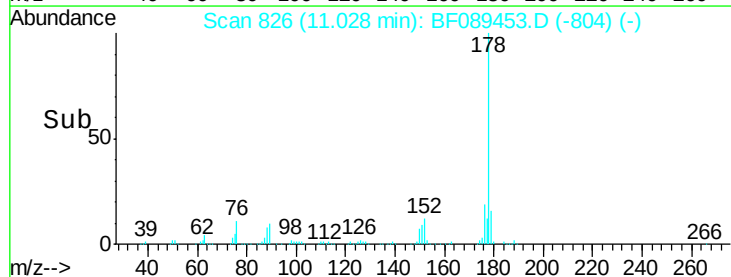
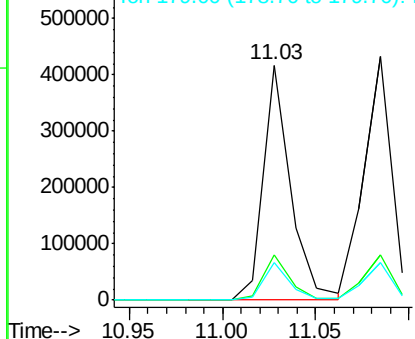


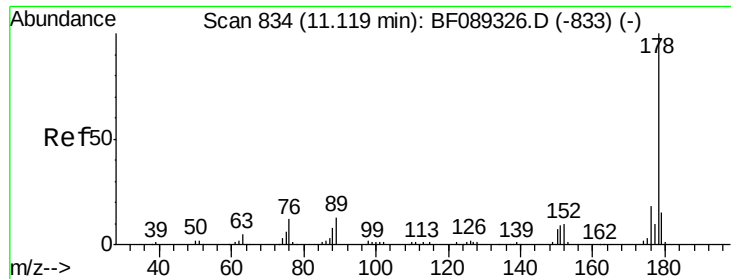
#70
 Phenanthrene
 Concen: 45.56 ng
 RT: 11.03 min Scan# 826
 Delta R.T. -0.05 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Tgt Ion:178 Resp: 422371
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.5 23.3
 179 15.9 12.3 18.5



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

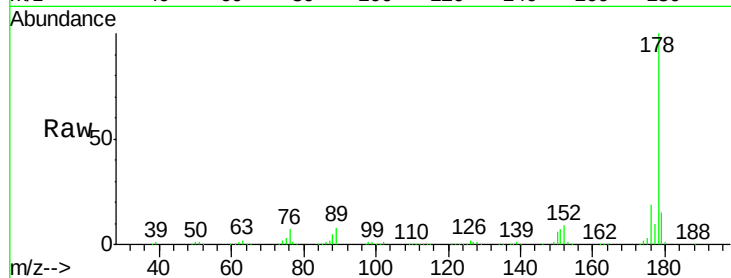




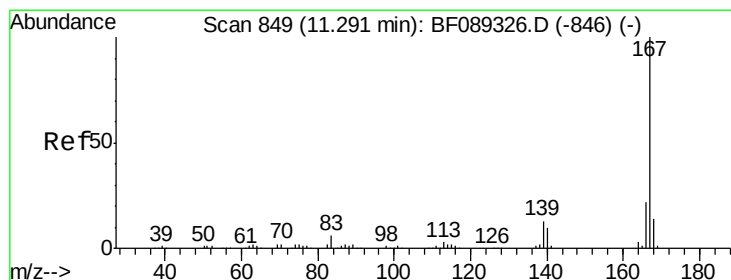
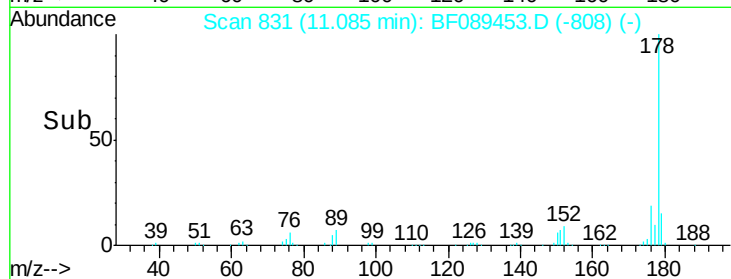
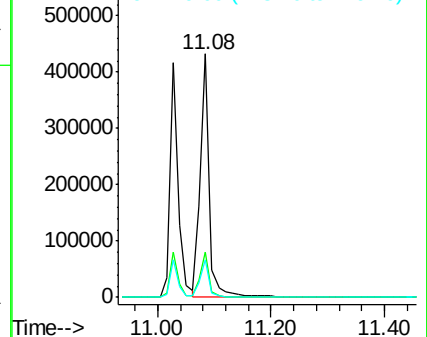
#71
 Anthracene
 Concen: 46.52 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.03 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 479426
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.8 22.2
 179 15.2 12.6 18.8

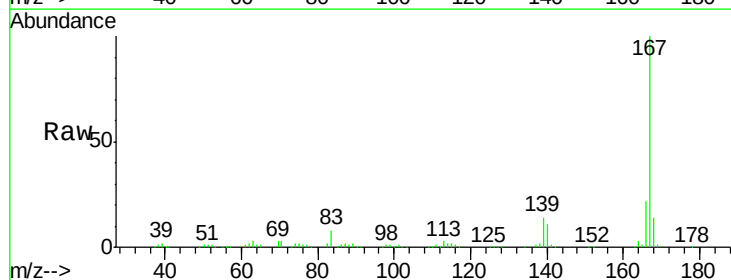


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

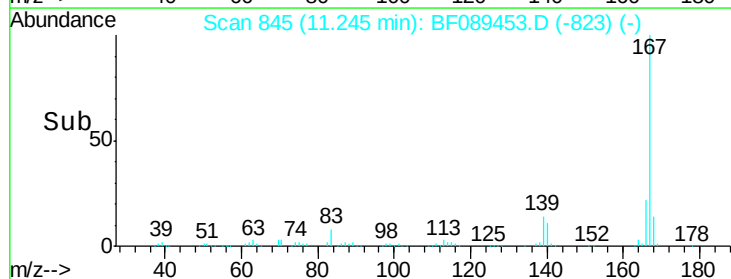
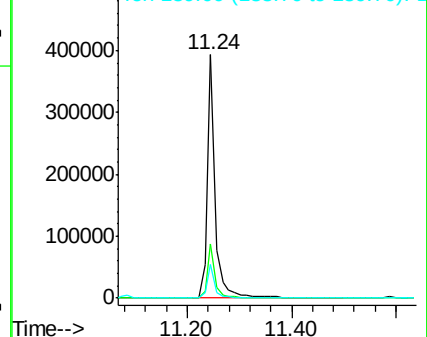


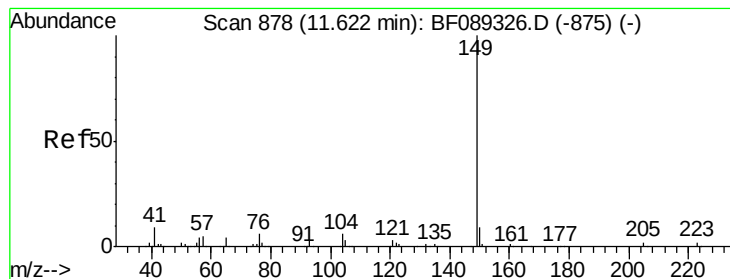
#72
 Carbazole
 Concen: 47.69 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.05 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Tgt Ion:167 Resp: 413763
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.8 10.1 15.1



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





#73

Di-n-butylphthalate

Concen: 46.80 ng

RT: 11.59 min Scan# 875

Delta R.T. -0.03 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Instrument :

BNA_F

ClientSampleId :

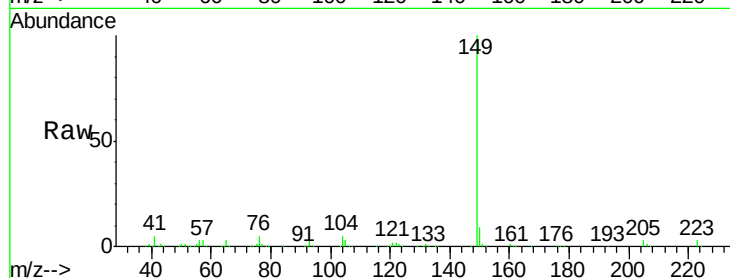
Tot Ion:149 Resp: 544766

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

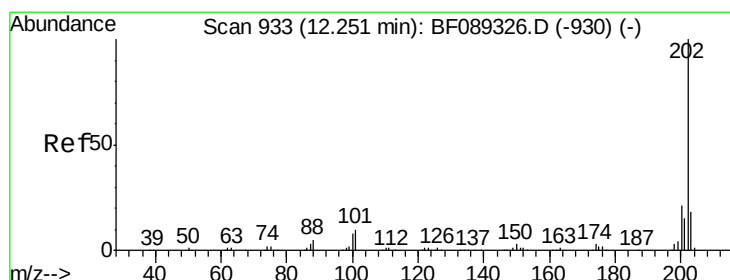
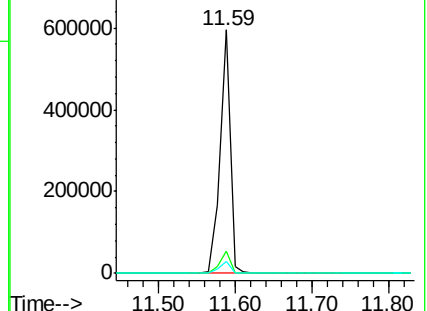
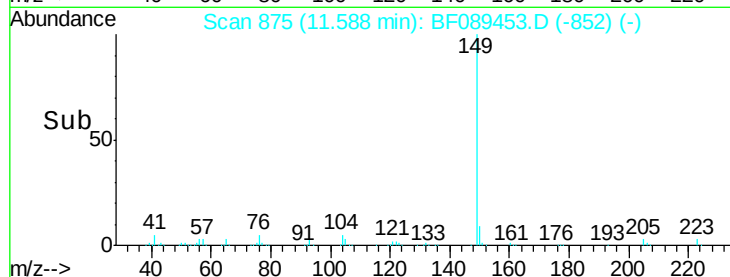
104 4.9 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.19 ng

RT: 12.20 min Scan# 929

Delta R.T. -0.05 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

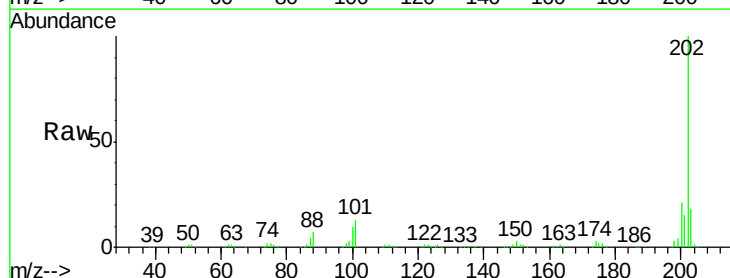
Tgt Ion:202 Resp: 430867

Ion Ratio Lower Upper

202 100

101 13.0 0.0 29.9

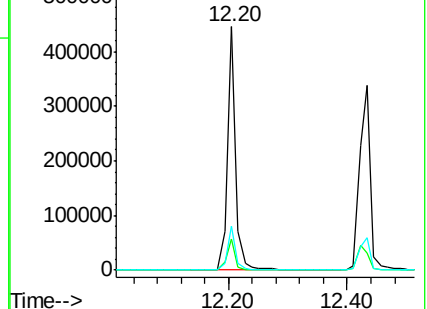
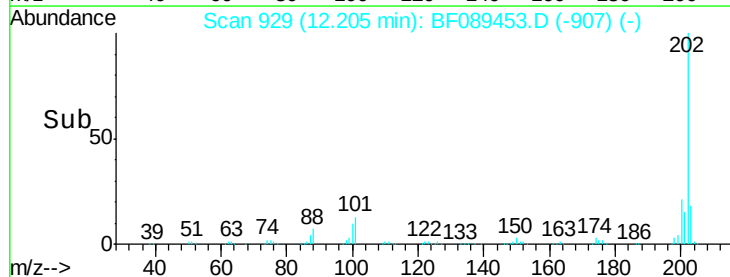
203 17.8 0.0 37.3

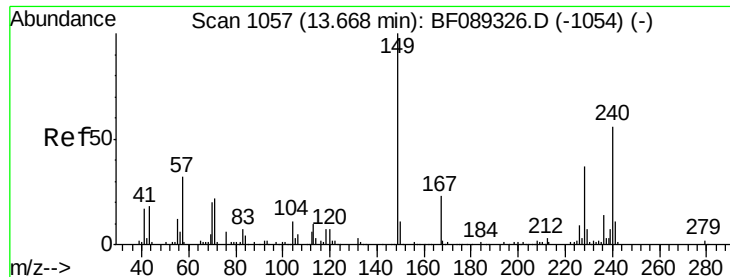


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.62 min Scan# 1053

Delta R.T. -0.05 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Instrument :

BNA_F

ClientSampleId :

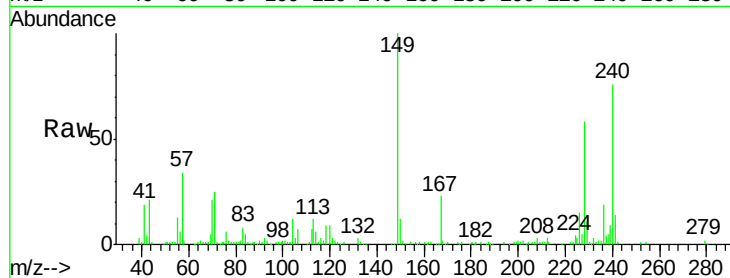
Tot Ion:240 Resp: 100438

Ion Ratio Lower Upper

240 100

120 12.1 9.1 13.7

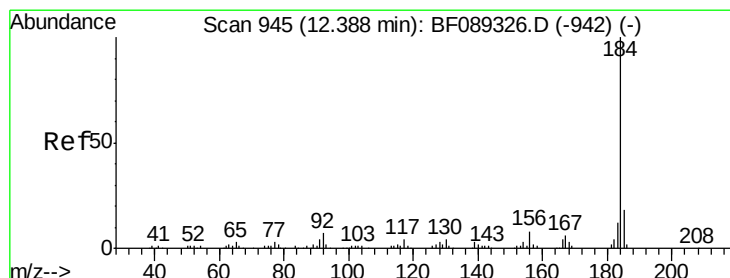
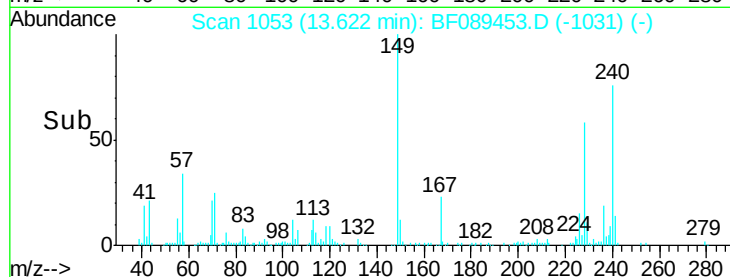
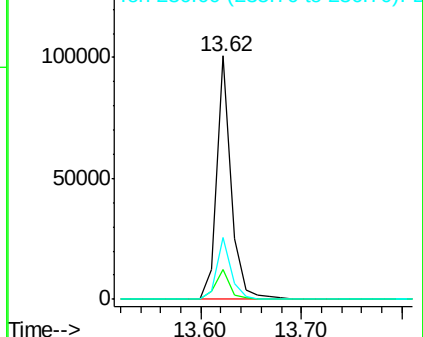
236 25.5 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.75 ng

RT: 12.34 min Scan# 941

Delta R.T. -0.04 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

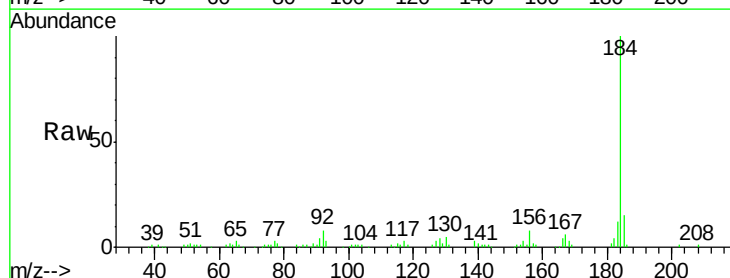
Tgt Ion:184 Resp: 125255

Ion Ratio Lower Upper

184 100

185 14.8 13.5 20.3

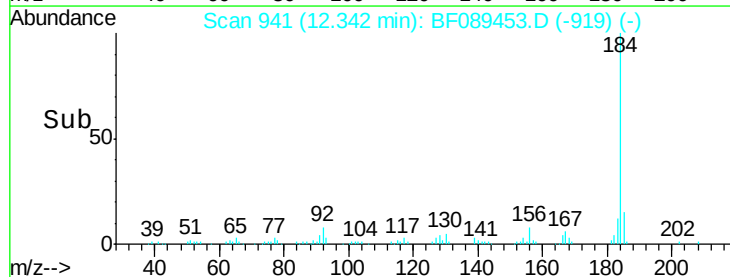
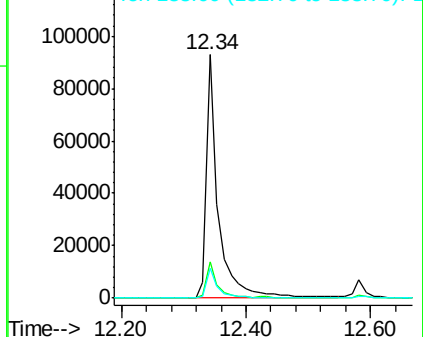
183 12.1 9.8 14.6

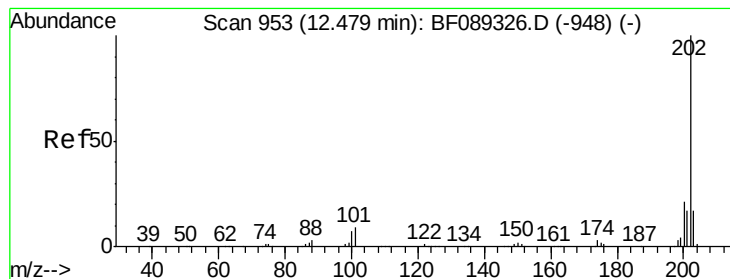


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 55.60 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Instrument :

BNA_F

ClientSampleId :

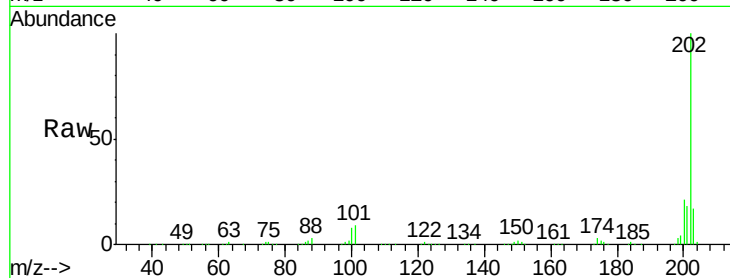
Tot Ion:202 Resp: 423262

Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

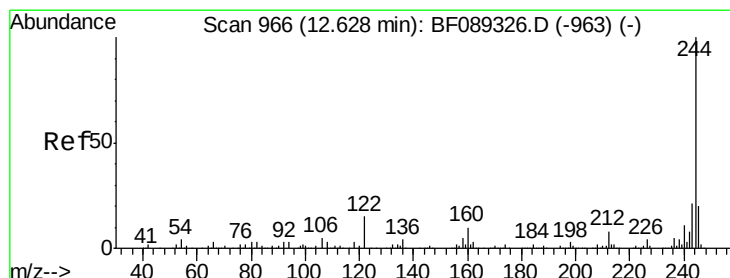
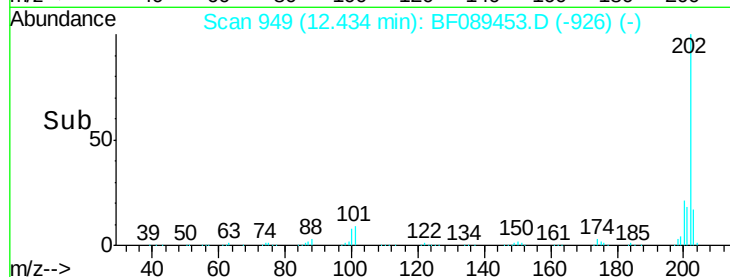
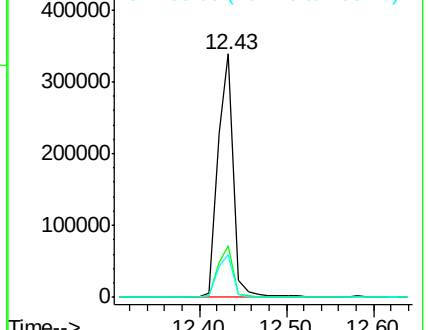
203 17.4 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 101.94 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.05 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

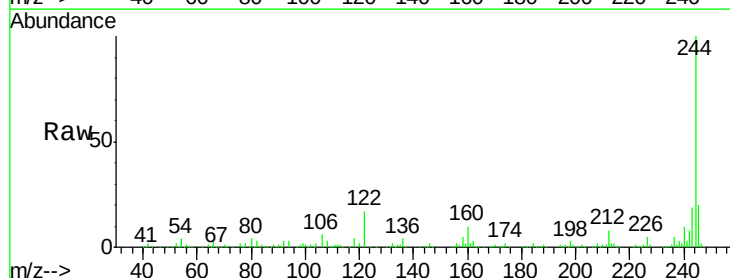
Tgt Ion:244 Resp: 437478

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

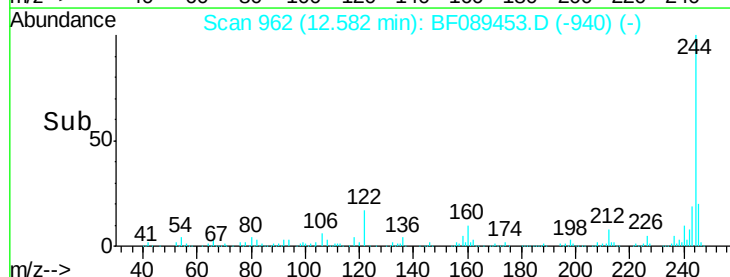
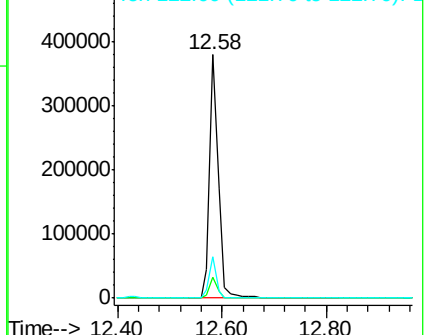
122 17.1 11.4 17.0#

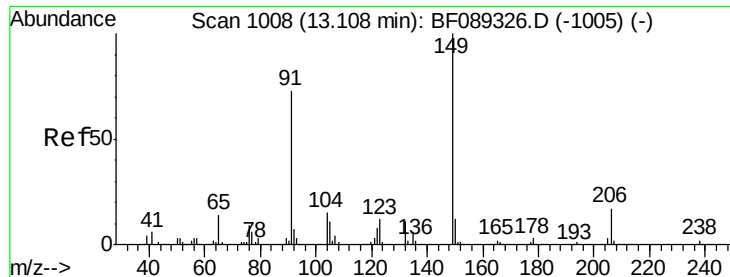


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

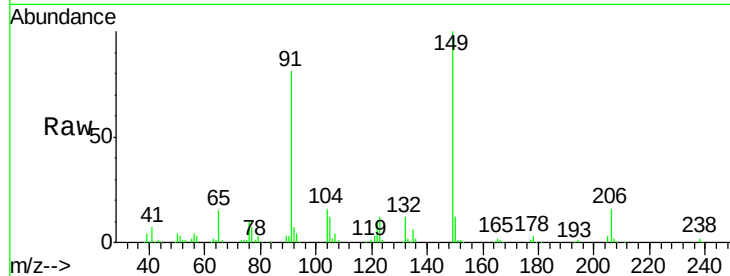




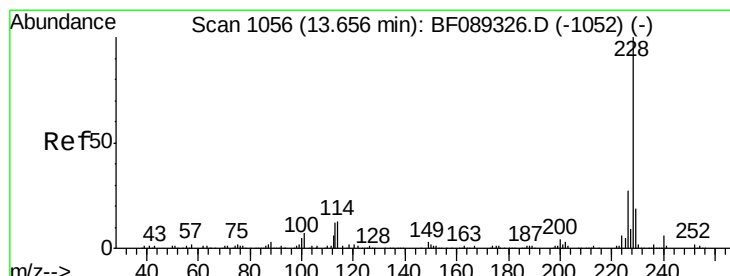
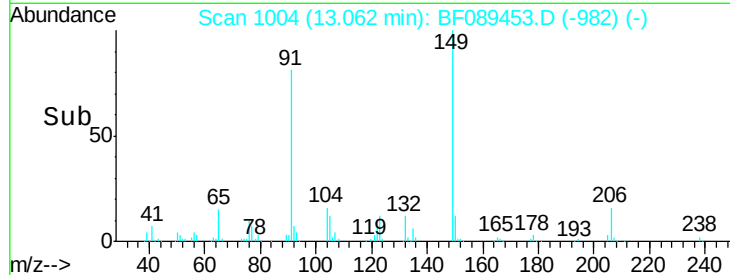
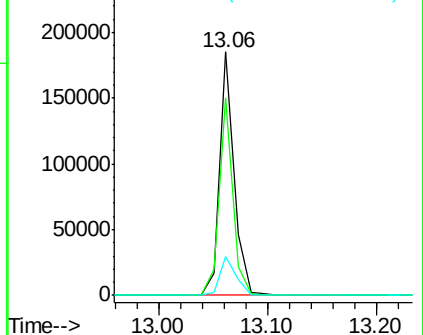
#79
Butylbenzylphthalate
Concen: 50.13 ng
RT: 13.06 min Scan# 1004
Delta R.T. -0.05 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 173504
Ion Ratio Lower Upper
149 100
91 81.1 58.5 87.7
206 16.0 13.8 20.8

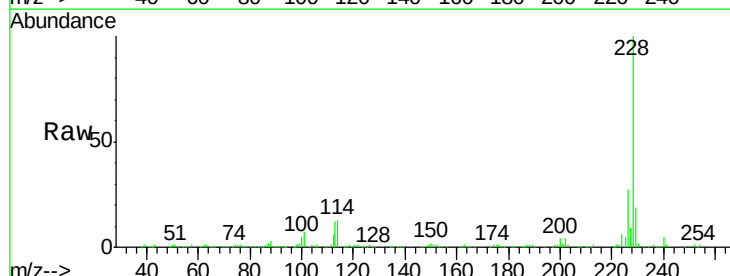


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

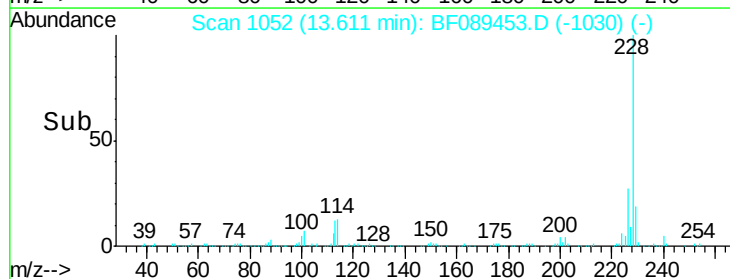
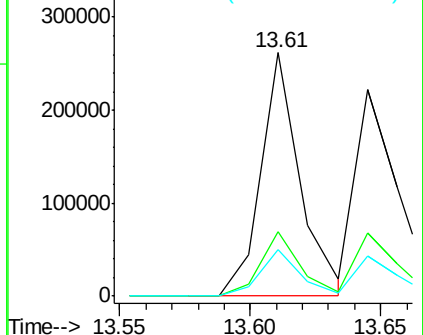


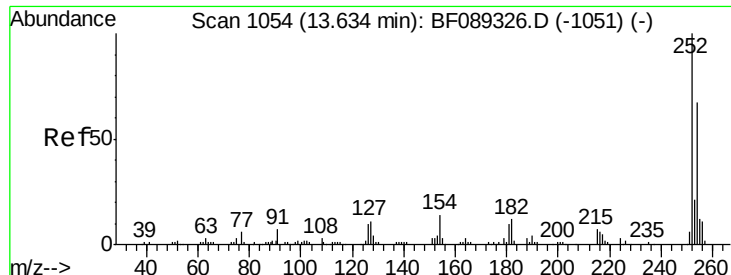
#80
Benzo(a)anthracene
Concen: 48.59 ng
RT: 13.61 min Scan# 1052
Delta R.T. -0.05 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Tgt Ion:228 Resp: 275439
Ion Ratio Lower Upper
228 100
226 26.7 21.4 32.2
229 19.2 15.9 23.9



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

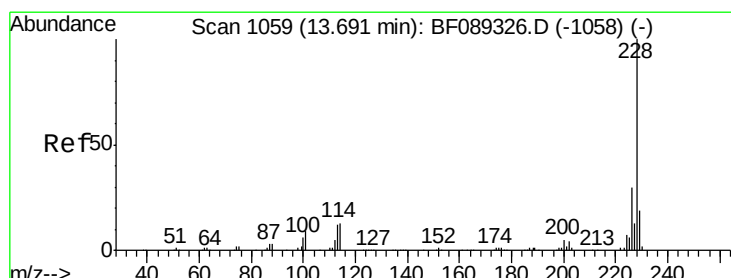
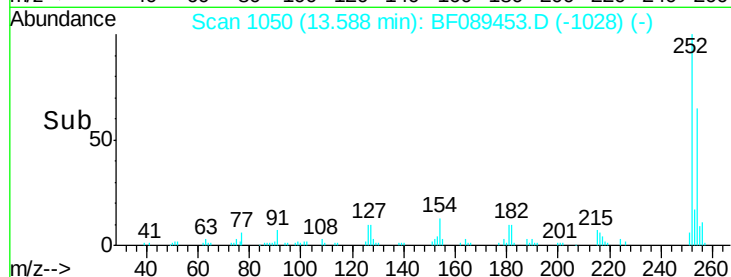
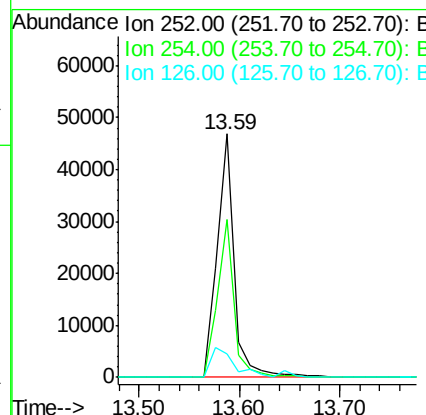
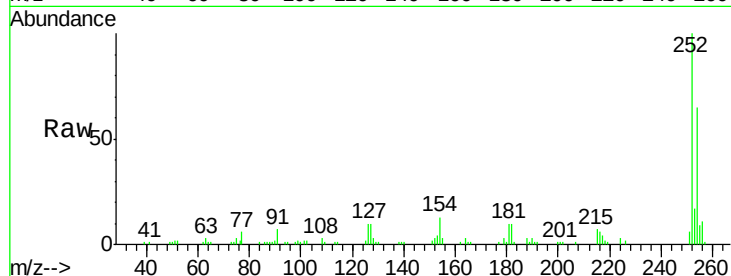




#81
 3,3'-Dichlorobenzidine
 Concen: 27.17 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. -0.05 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

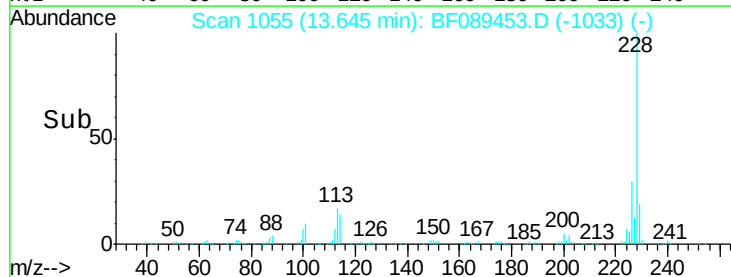
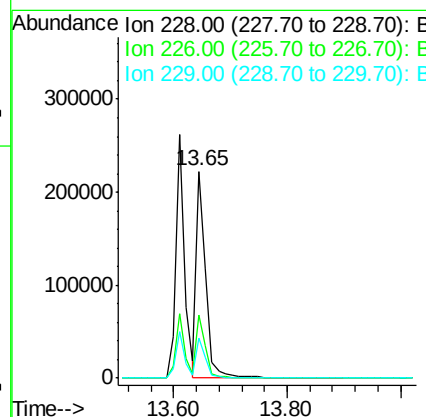
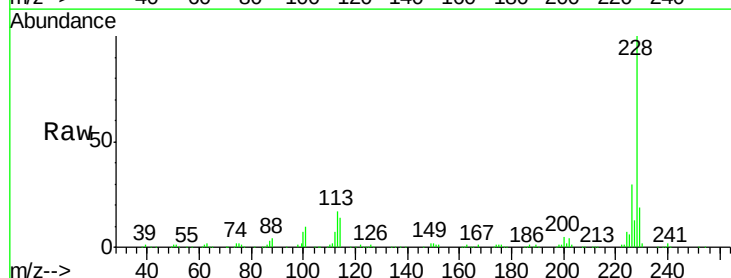
Instrument :
 BNA_F
 ClientSampleId :

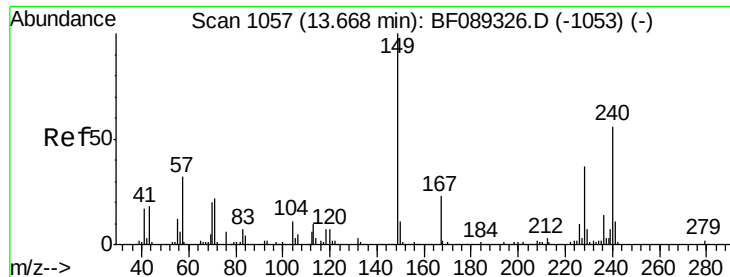
Tot Ion:252 Resp: 55425
 Ion Ratio Lower Upper
 252 100
 254 64.6 52.5 78.7
 126 9.7 7.4 11.2



#82
 Chrysene
 Concen: 43.70 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.05 min
 Lab File: BF089453.D
 Acq: 30 Jul 2016 15:14

Tgt Ion:228 Resp: 263664
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.2 36.2
 229 19.4 15.9 23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.42 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.03 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Instrument :

BNA_F

ClientSampleId :

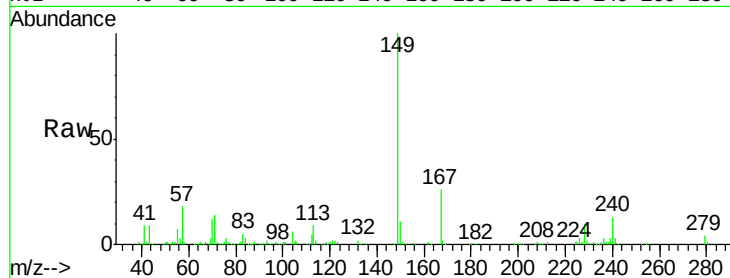
Tot Ion:149 Resp: 227217

Ion Ratio Lower Upper

149 100

167 26.3 18.8 28.2

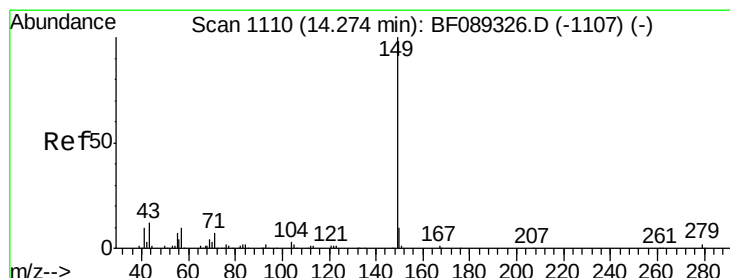
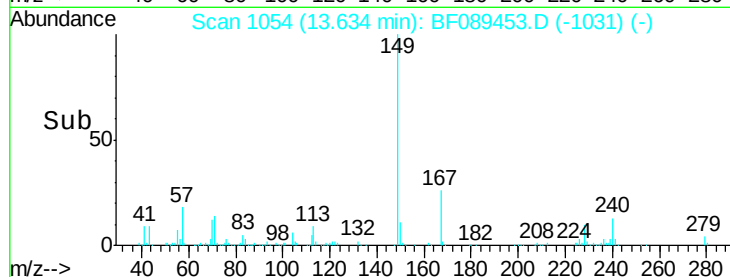
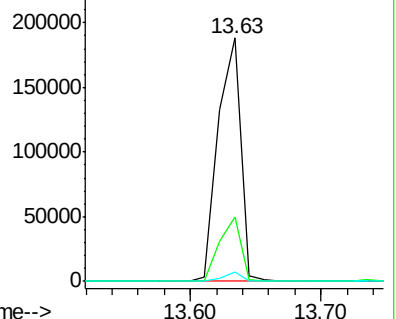
279 3.7 1.4 2.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.21 ng

RT: 14.24 min Scan# 1107

Delta R.T. -0.03 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

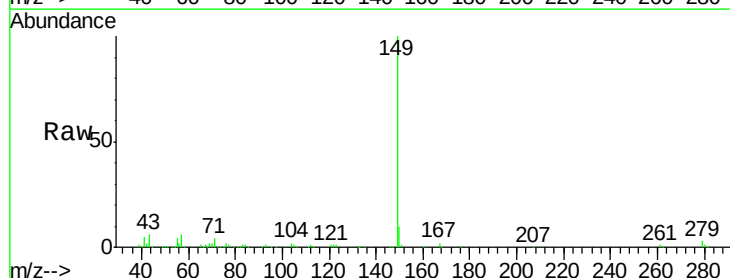
Tgt Ion:149 Resp: 337332

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

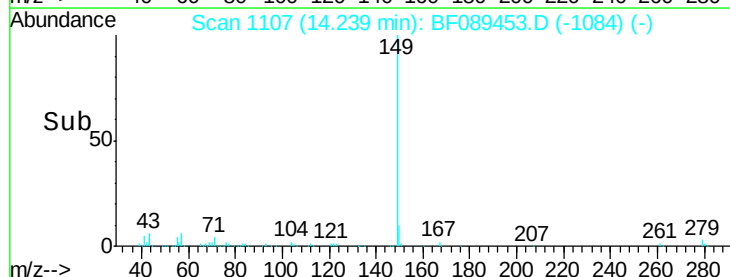
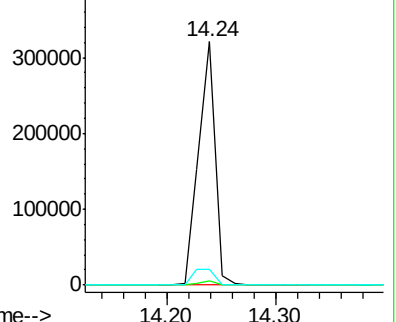
43 9.7 7.3 10.9

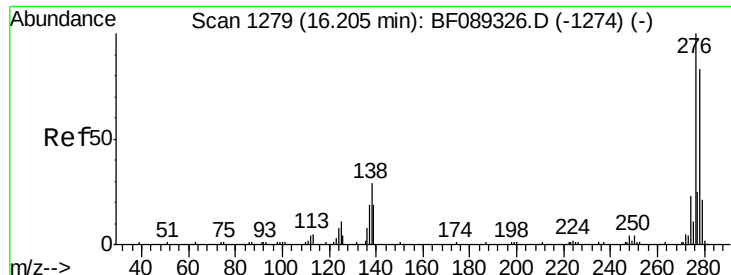


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

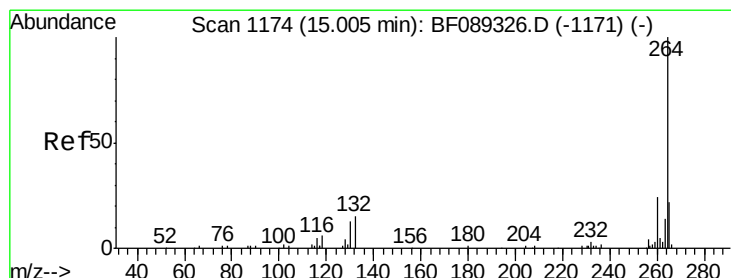
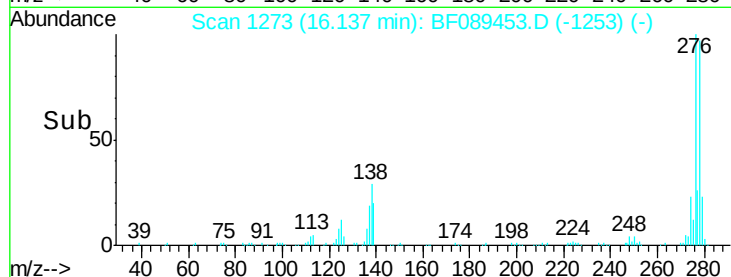
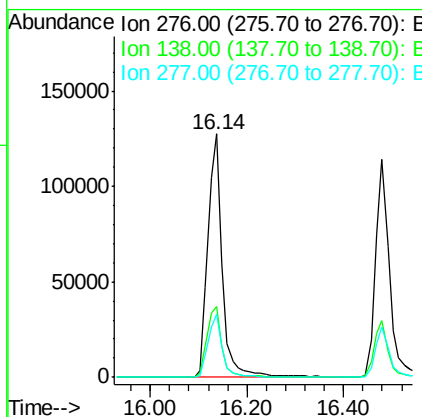
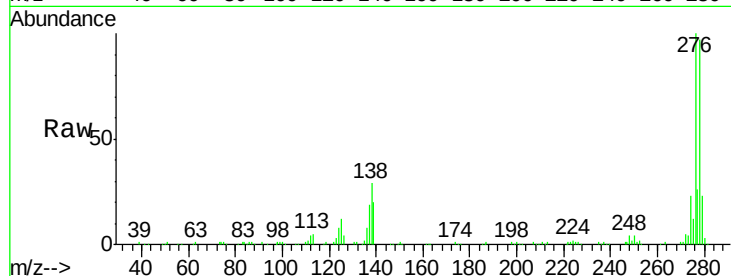




#85
Indeno(1,2,3-cd)pyrene
Concen: 63.04 ng
RT: 16.14 min Scan# 1273
Delta R.T. -0.07 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

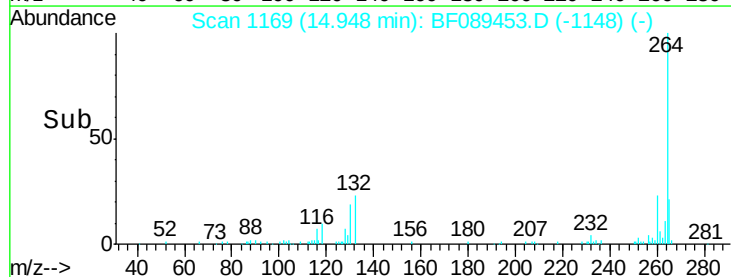
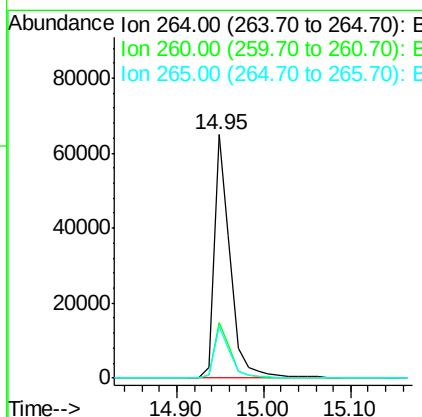
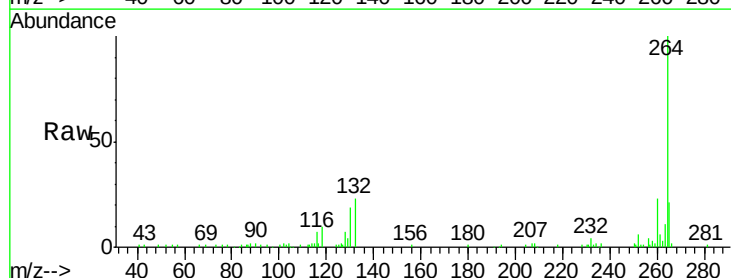
Instrument :
BNA_F
ClientSampleId :

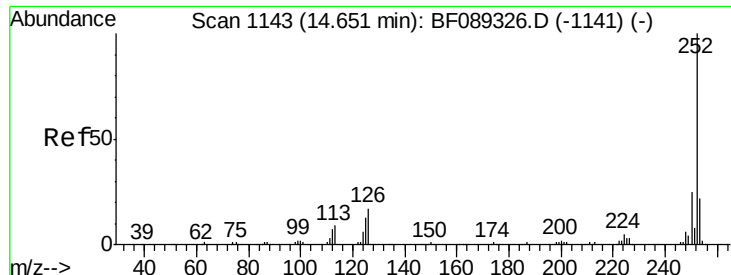
Tot Ion:276 Resp: 270415
Ion Ratio Lower Upper
276 100
138 30.2 23.0 34.4
277 25.4 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Tgt Ion:264 Resp: 83938
Ion Ratio Lower Upper
264 100
260 22.9 19.0 28.4
265 21.2 17.5 26.3

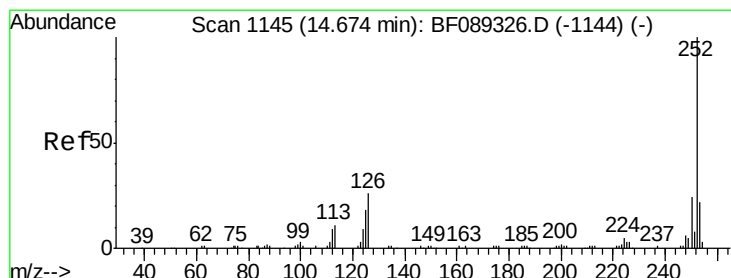
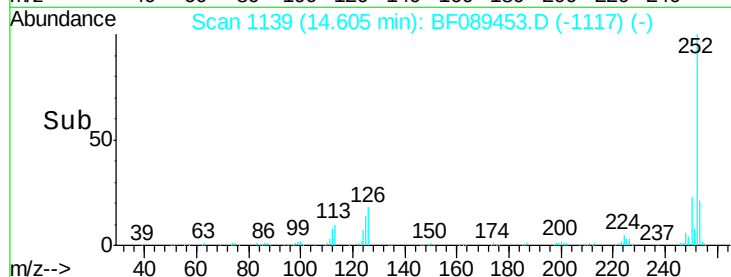
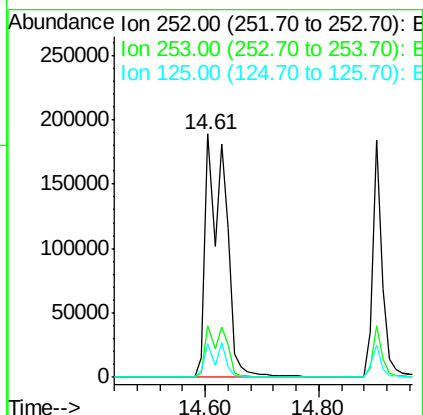
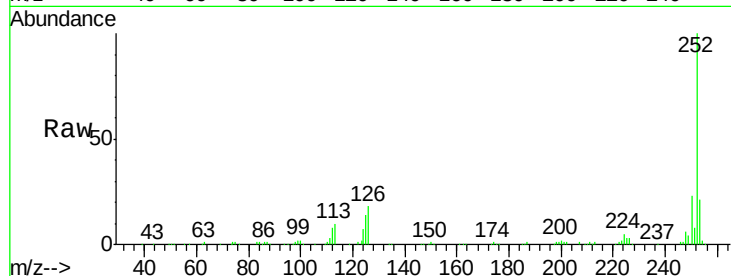




#87
Benzo(b)fluoranthene
Concen: 85.54 ng
RT: 14.61 min Scan# 1139
Delta R.T. -0.05 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

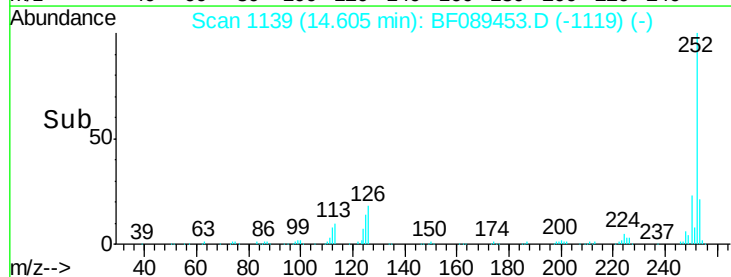
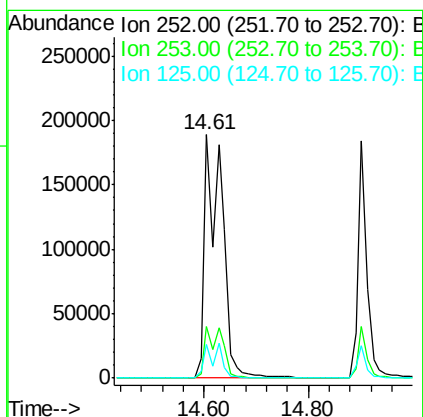
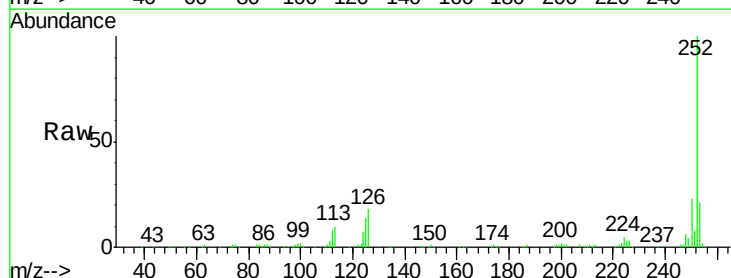
Instrument :
BNA_F
ClientSampled :

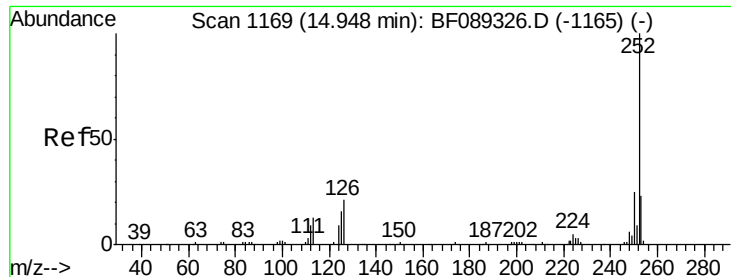
Tot Ion:252 Resp: 445918
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 13.6 9.7 14.5



#88
Benzo(k)fluoranthene
Concen: 93.16 ng
RT: 14.61 min Scan# 1139
Delta R.T. -0.07 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Tgt Ion:252 Resp: 446456
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 13.6 10.7 16.1

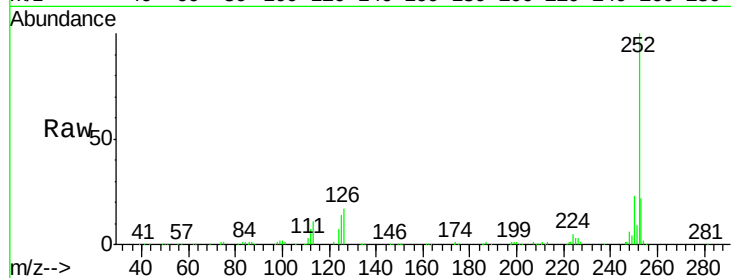




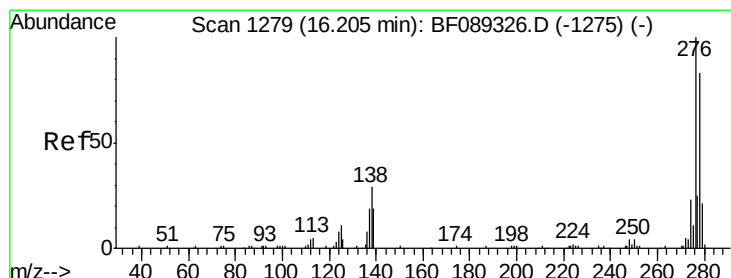
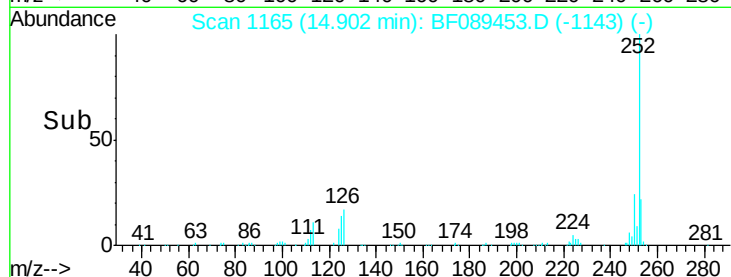
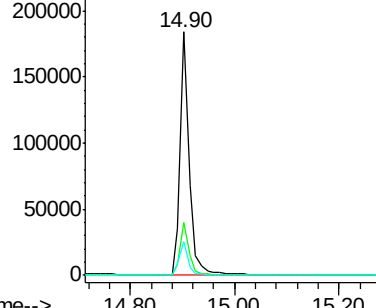
#89
Benzo(a)pyrene
Concen: 48.09 ng
RT: 14.90 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 224894
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 13.6 12.4 18.6

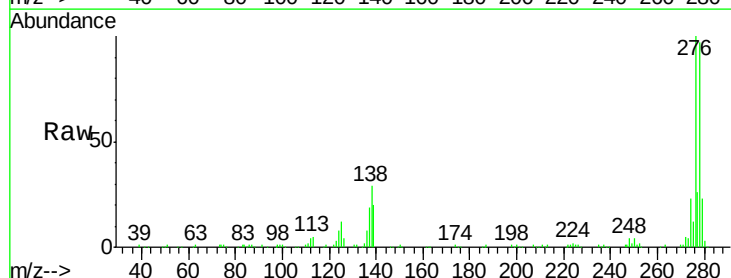


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

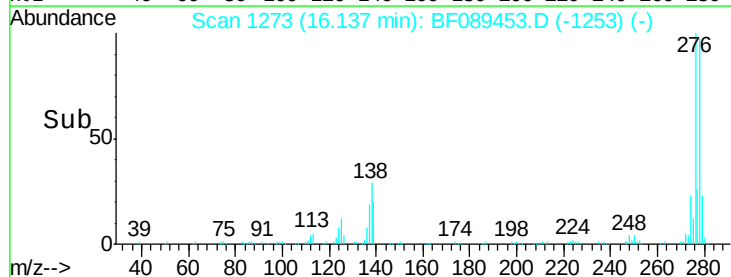
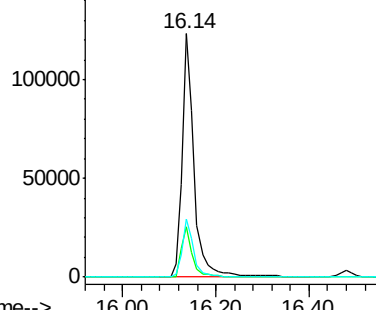


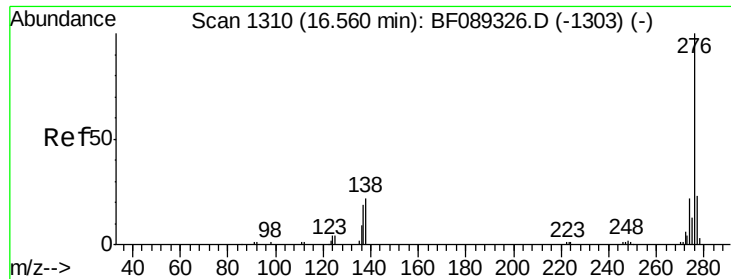
#90
Dibenzo(a,h)anthracene
Concen: 60.71 ng
RT: 16.14 min Scan# 1273
Delta R.T. -0.07 min
Lab File: BF089453.D
Acq: 30 Jul 2016 15:14

Tgt Ion:278 Resp: 223642
Ion Ratio Lower Upper
278 100
139 20.7 16.3 24.5
279 23.9 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 64.52 ng

RT: 16.48 min Scan# 1303

Delta R.T. -0.07 min

Lab File: BF089453.D

Acq: 30 Jul 2016 15:14

Instrument :

BNA_F

ClientSampleId :

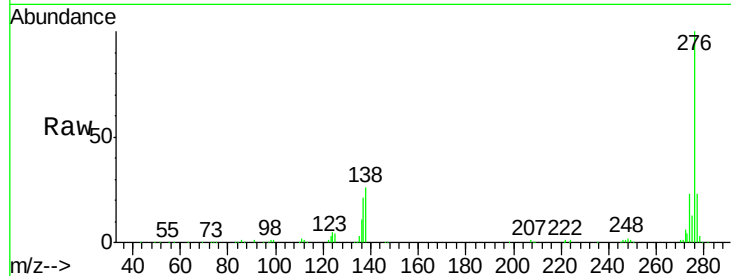
Tot Ion:276 Resp: 233632

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 25.8 21.4 32.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

