

Data Path : Z:\HPCHEM1\BNA F\Data\BF072916\
 Data File : BF089402.D
 Acq On : 29 Jul 2016 10:19
 Operator : UM/SJ
 Sample : H4186-25MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 I-2MSD

Quant Time: Jul 29 11:12:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:12:17 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.524	152	49510	20.00	ng	-0.02	
21) Naphthalene-d8	7.816	136	196952	20.00	ng	-0.01	
38) Acenaphthene-d10	9.553	164	79622	20.00	ng	-0.02	
63) Phenanthrene-d10	11.028	188	134485	20.00	ng	-0.02	
75) Chrysene-d12	13.656	240	91914	20.00	ng	-0.01	
86) Perylene-d12	14.982	264	85096	20.00	ng	-0.02	
System Monitoring Compounds							
5) 2-Fluorophenol	5.118	112	344619	111.14	ng	0.01	
7) Phenol-d6	6.193	99	426359	104.05	ng	-0.01	
23) Nitrobenzene-d5	7.107	82	321849	96.46	ng	-0.01	
41) 2,4,6-Tribromophenol	10.353	330	78332	118.79	ng	-0.01	
44) 2-Fluorobiphenyl	8.890	172	506794	93.41	ng	-0.02	
78) Terphenyl-d14	12.616	244	357991	91.16	ng	-0.01	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.090	88	46369	32.33	ng	#	85
3) Pyridine	2.673	79	92041	30.34	ng		98
4) n-Nitrosodimethylamine	2.615	42	52879	43.25	ng		96
6) Aniline	6.204	93	74077	16.74	ng	#	1
8) 2-Chlorophenol	6.319	128	151624	43.23	ng		98
9) Benzaldehyde	6.067	77	69256	34.61	ng		92
10) Phenol	6.204	94	162317	35.90	ng		99
11) bis(2-Chloroethyl)ether	6.273	93	153364	39.92	ng		90
12) 1,3-Dichlorobenzene	6.696	146	129867	35.40	ng		99
13) 1,4-Dichlorobenzene	6.547	146	143014	35.32	ng		95
14) 1,2-Dichlorobenzene	6.696	146	147696	38.94	ng		95
15) Benzyl Alcohol	6.696	79	126372	49.69	ng		96
16) 2,2'-oxybis(1-Chloropr...	6.822	45	162552	38.79	ng		100
17) 2-Methylphenol	6.822	107	108477	40.02	ng	#	87
18) Hexachloroethane	7.039	117	49888	32.14	ng	#	79
19) n-Nitroso-di-n-propyla...	6.959	70	112767	45.64	ng	#	89
20) 3+4-Methylphenols	6.970	107	153253	44.02	ng		92
22) Acetophenone	6.947	105	198375	42.31	ng	#	94
24) Nitrobenzene	7.119	77	148928	39.22	ng		89
25) Isophorone	7.370	82	298418	44.40	ng		96
26) 2-Nitrophenol	7.439	139	75428	44.42	ng	#	92
27) 2,4-Dimethylphenol	7.496	122	125969	46.57	ng		99
28) bis(2-Chloroethoxy)met...	7.587	93	194320	52.23	ng		98
29) 2,4-Dichlorophenol	7.690	162	118087	47.91	ng		97
30) 1,2,4-Trichlorobenzene	7.759	180	120355	42.80	ng		95
31) Naphthalene	7.839	128	436553	44.76	ng		100
32) Benzoic acid	7.644	122	33987	18.03	ng		95
33) 4-Chloroaniline	7.907	127	32899	8.86	ng	#	91
34) Hexachlorobutadiene	7.953	225	62424	38.76	ng		98
35) Caprolactam	8.284	113	19346	26.01	ng		88
36) 4-Chloro-3-methylphenol	8.399	107	126331	43.13	ng		95
37) 2-Methylnaphthalene	8.525	142	261001	44.41	ng		97
39) 1,2,4,5-Tetrachloroben...	8.696	216	108588	38.97	ng		98

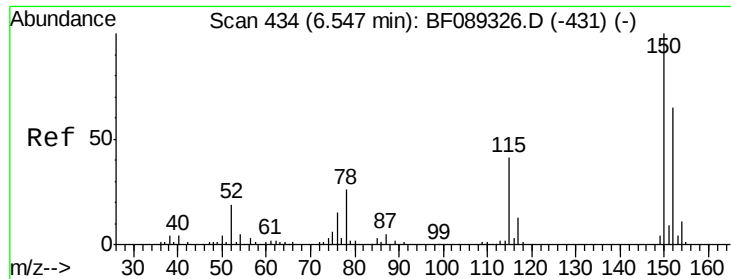
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Hexachlorocyclopentadiene	8.673	237	20901	32.30	nq	95
42) 2,4,6-Trichlorophenol	8.822	196	70978	53.58	nq	96
43) 2,4,5-Trichlorophenol	8.867	196	78833	46.98	nq	98
45) 1,1'-Biphenyl	8.993	154	313154	46.19	nq	96
46) 2-Chloronaphthalene	9.016	162	248888	48.89	nq	93
47) 2-Nitroaniline	9.119	65	80420	53.34	nq	# 79
48) Acenaphthylene	9.416	152	360441	44.95	nq	99
49) Dimethylphthalate	9.302	163	287659	47.47	nq	98
50) 2,6-Dinitrotoluene	9.370	165	59189	47.54	nq	# 79
51) Acenaphthene	9.587	154	208002	44.42	nq	100
52) 3-Nitroaniline	9.530	138	32882	25.03	nq	81
53) 2,4-Dinitrophenol	9.656	184	13815	35.56	nq	98
54) Dibenzofuran	9.759	168	315973	49.52	nq	94
55) 4-Nitrophenol	9.759	139	196216	289.10	nq	# 12
56) 2,4-Dinitrotoluene	9.770	165	81033	49.44	nq	# 75
57) Fluorene	10.102	166	245552	44.08	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.896	232	58777	52.46	nq	99
59) Diethylphthalate	9.999	149	306974	49.97	nq	98
60) 4-Chlorophenyl-phenyle...	10.102	204	118931	46.55	nq	# 85
61) 4-Nitroaniline	10.148	138	50036	36.94	nq	89
62) Azobenzene	10.262	77	322862	51.03	nq	90
64) 4,6-Dinitro-2-methylph...	10.182	198	12444	18.28	nq	95
65) n-Nitrosodiphenylamine	10.228	169	231905	55.26	nq	97
66) 4-Bromophenyl-phenylether	10.582	248	64159	49.97	nq	# 71
67) Hexachlorobenzene	10.650	284	63619	48.35	nq	# 83
68) Atrazine	10.765	200	67788	52.58	nq	98
69) Pentachlorophenol	10.845	266	53687	83.90	nq	98
70) Phenanthrene	11.050	178	313101	45.14	nq	100
71) Anthracene	11.108	178	363688	47.16	nq	99
72) Carbazole	11.268	167	306231	47.17	nq	99
73) Di-n-butylphthalate	11.611	149	433118	49.73	nq	99
74) Fluoranthene	12.228	202	296386	40.62	nq	95
76) Benzidine	12.365	184	116847	34.40	nq	96
77) Pyrene	12.456	202	311962	44.78	nq	100
79) Butylbenzylphthalate	13.096	149	149959	47.35	nq	# 84
80) Benzo(a)anthracene	13.645	228	253344	48.84	nq	98
81) 3,3'-Dichlorobenzidine	13.611	252	61510	32.95	nq	# 96
82) Chrysene	13.679	228	269023	48.72	nq	99
83) Bis(2-ethylhexyl)phtha...	13.656	149	220522	48.17	nq	# 97
84) Di-n-octyl phthalate	14.262	149	359949	50.39	nq	99
85) Indeno(1,2,3-cd)pyrene	16.171	276	201793	51.40	nq	99
87) Benzo(b)fluoranthene	14.662	252	487835	92.31	nq	99
88) Benzo(k)fluoranthene	14.662	252	488075	100.46	nq	# 96
89) Benzo(a)pyrene	14.937	252	228045	48.10	nq	# 95
90) Dibenzo(a,h)anthracene	16.182	278	173020	46.33	nq	99
91) Benzo(g,h,i)perylene	16.525	276	159480	43.44	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.524 min Scan# 43

Delta R.T. -0.023 min

Lab File: BF089402.D

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BNA_F

ClientSampleId :

I-2MSD

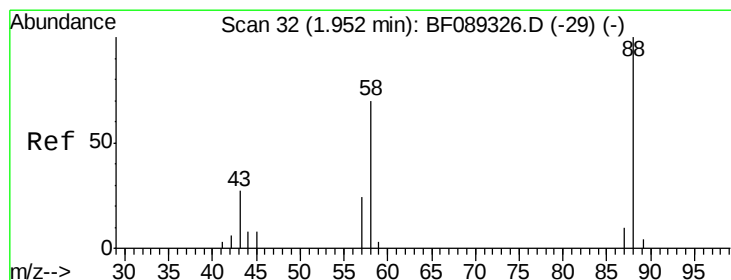
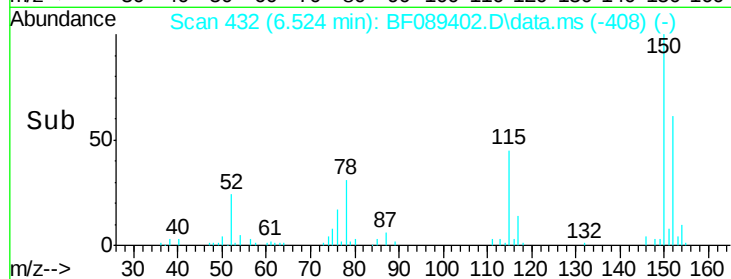
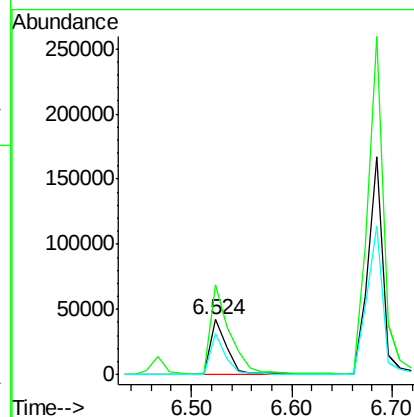
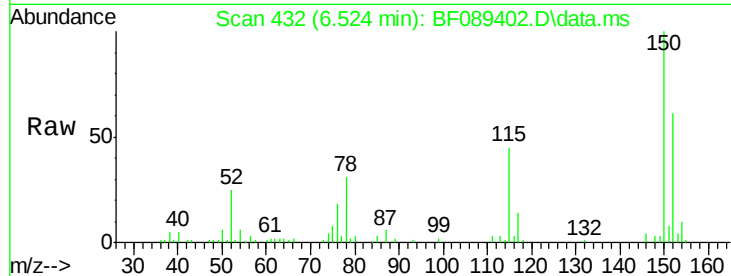
Tot Ion:152 Resp: 49510

Ion Ratio Lower Upper

152 100

150 162.6 129.5 194.3

115 73.8 51.4 77.2



#2

1,4-Dioxane

Concen: 32.33 ng

RT: 2.090 min Scan# 44

Delta R.T. 0.138 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

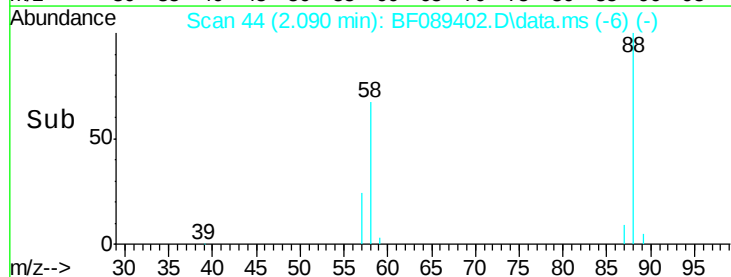
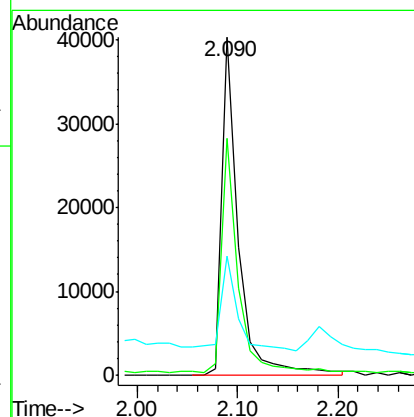
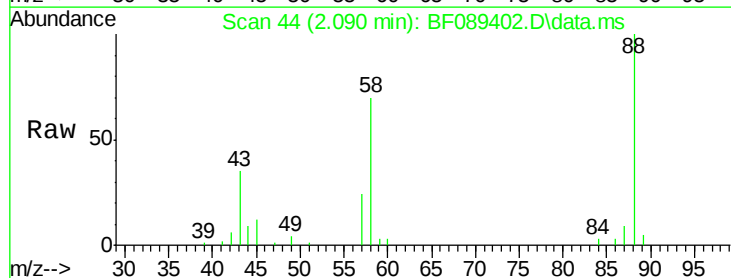
Tgt Ion: 88 Resp: 46369

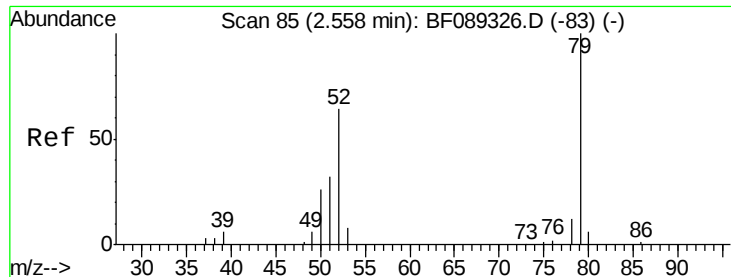
Ion Ratio Lower Upper

88 100

58 67.2 53.2 79.8

43 0.0 20.6 31.0#





#3

Pvridine

Concen: 30.34 ng

RT: 2.673 min Scan# 95

Delta R.T. 0.103 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

Instrument :

BNA_F

ClientSampleId :

I-2MSD

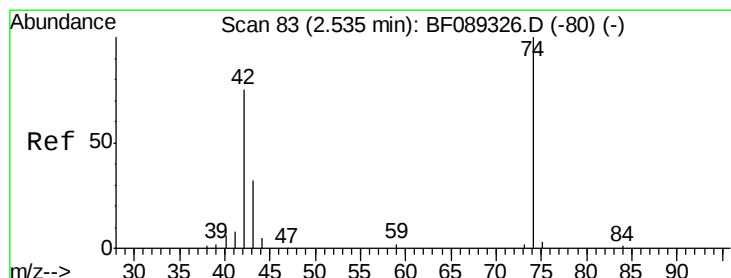
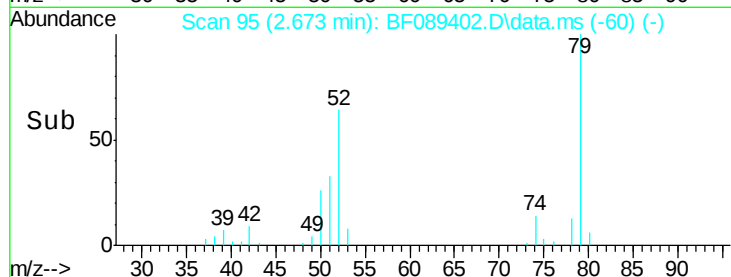
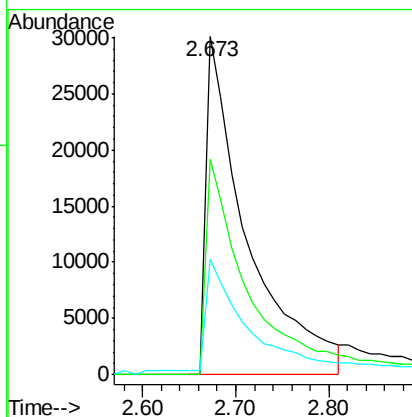
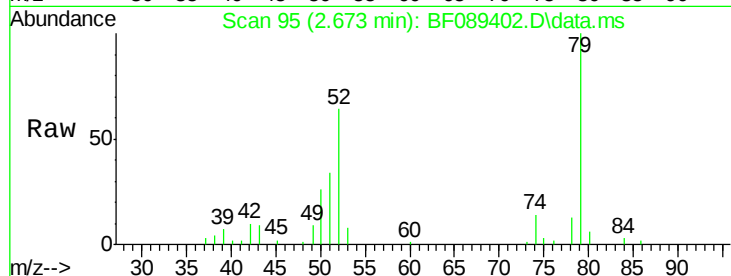
Tot Ion: 79 Resp: 92041

Ion Ratio Lower Upper

79 100

52 63.8 51.9 77.9

51 34.2 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 43.25 ng

RT: 2.615 min Scan# 90

Delta R.T. 0.080 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

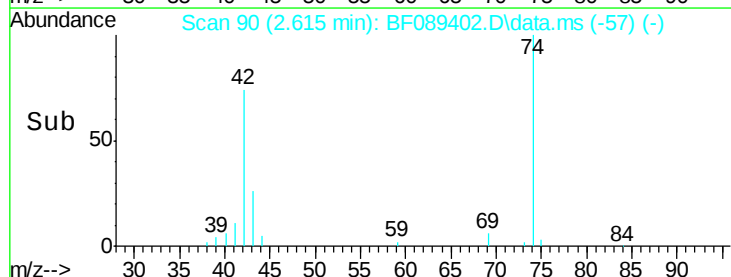
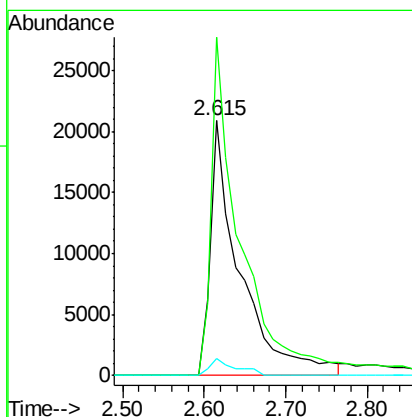
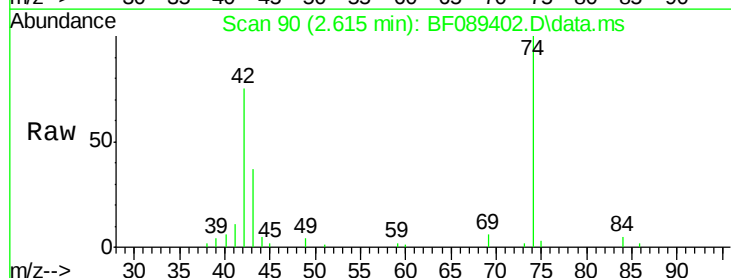
Tgt Ion: 42 Resp: 52879

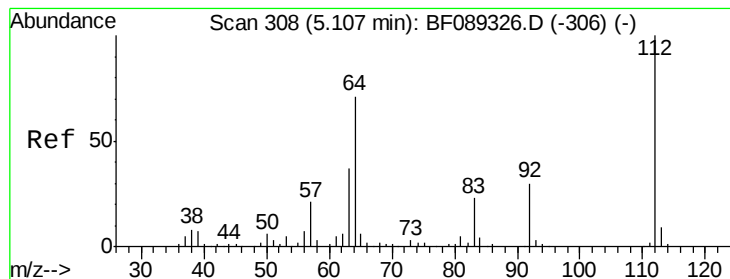
Ion Ratio Lower Upper

42 100

74 132.8 110.8 166.2

44 6.5 5.2 7.8





#5

2-Fluorophenol

Concen: 111.14 ng

RT: 5.118 min Scan# 30

Delta R.T. 0.011 min

Lab File: BF089402.D

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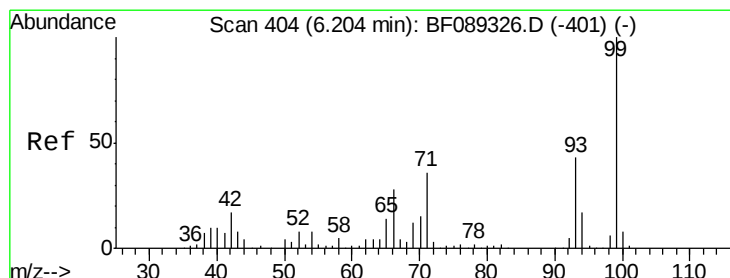
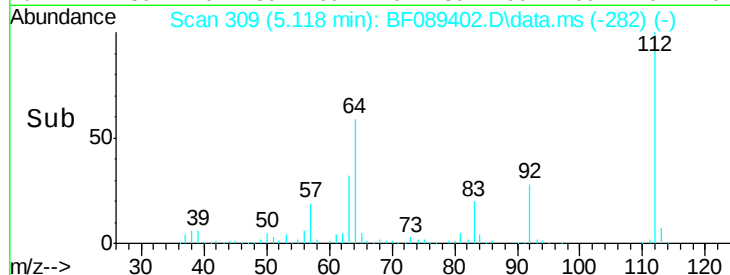
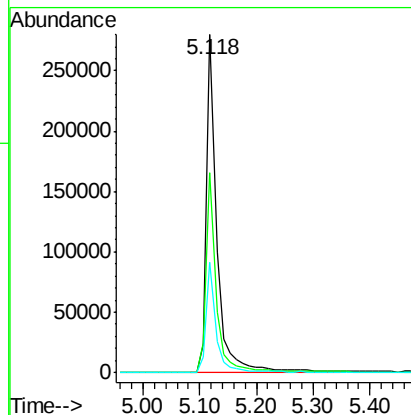
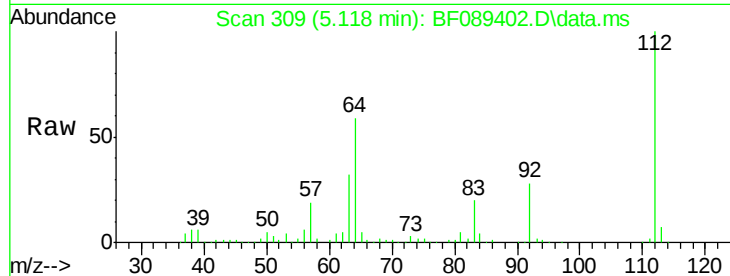
Tot Ion:112 Resp: 344619

Ion Ratio Lower Upper

112 100

64 59.1 55.0 82.6

63 32.5 29.4 44.2



#6

Aniline

Concen: 16.74 ng

RT: 6.204 min Scan# 404

Delta R.T. -0.000 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

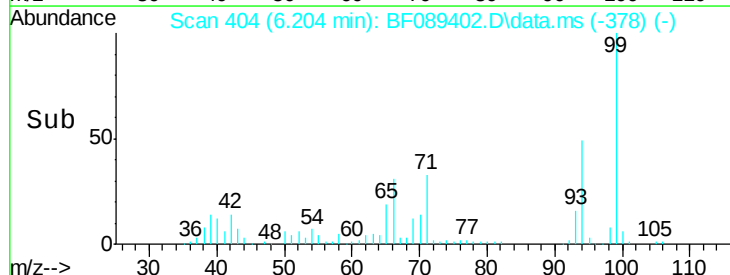
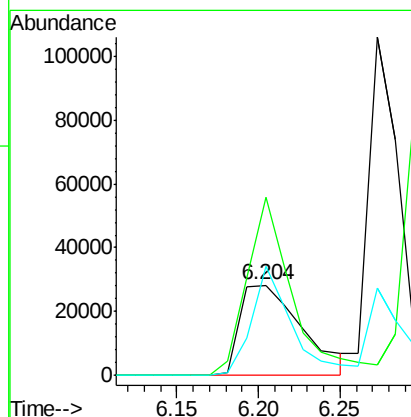
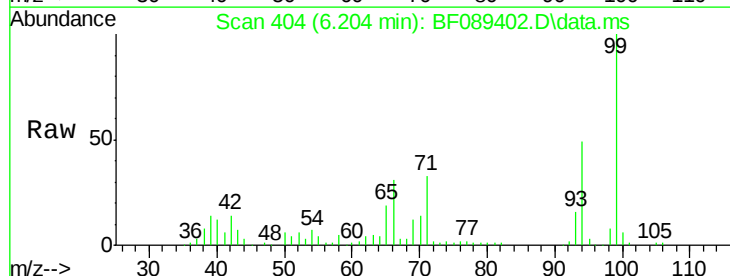
Tgt Ion: 93 Resp: 74077

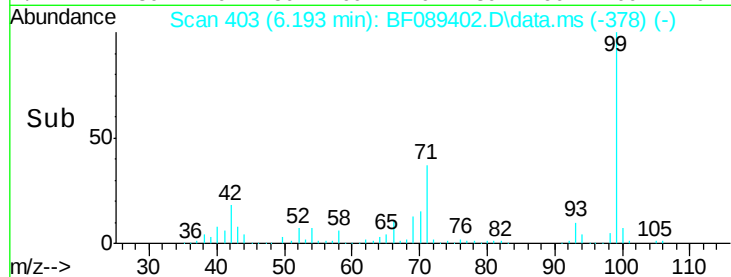
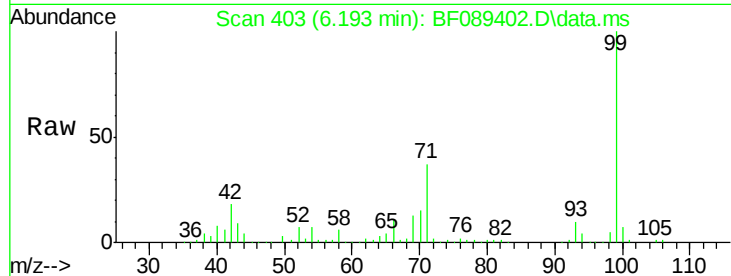
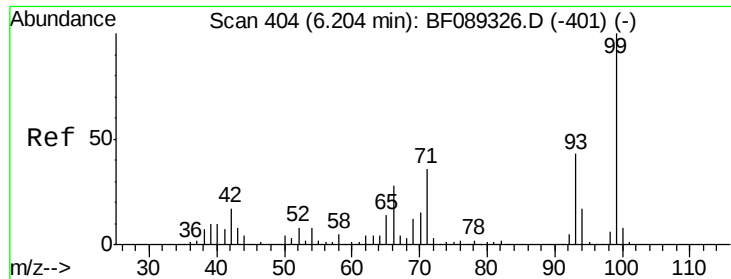
Ion Ratio Lower Upper

93 100

66 197.8 51.6 77.4#

65 120.3 24.7 37.1#





#7

Phenol-d6

Concen: 104.05 ng

RT: 6.193 min Scan# 40

Delta R.T. -0.011 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

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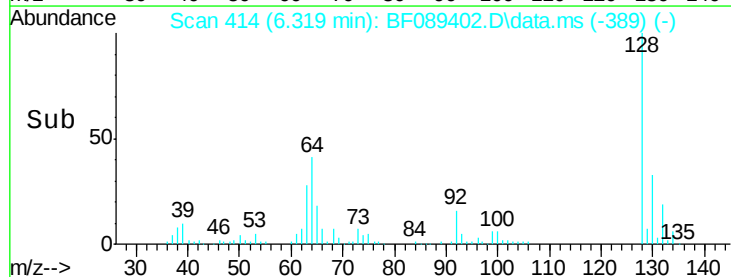
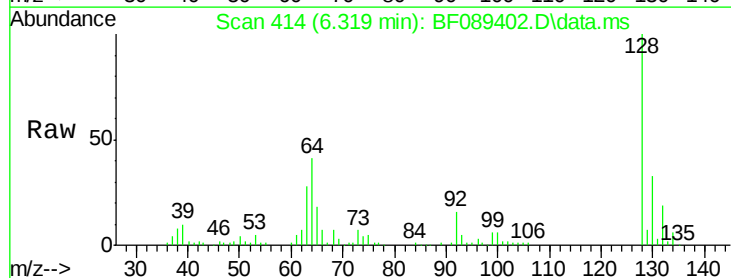
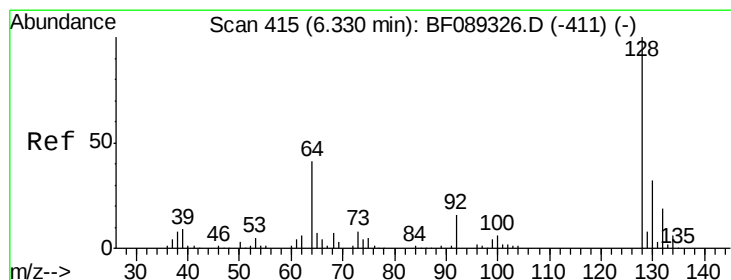
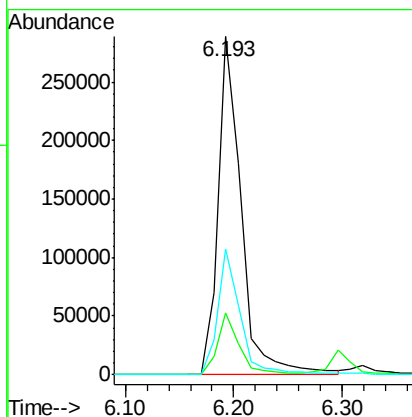
Tot Ion: 99 Resp: 426359

Ion Ratio Lower Upper

99 100

42 18.1 13.6 20.4

71 37.2 29.4 44.2



#8

2-Chlorophenol

Concen: 43.23 ng

RT: 6.319 min Scan# 414

Delta R.T. -0.011 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

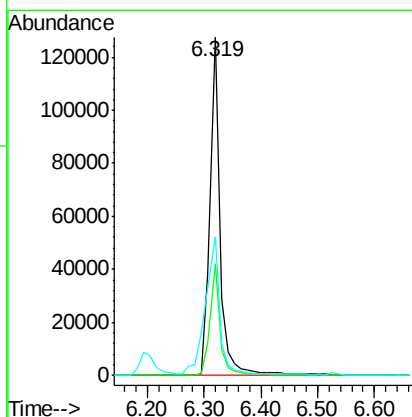
Tgt Ion:128 Resp: 151624

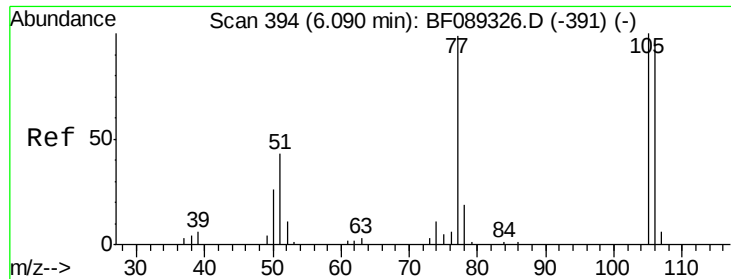
Ion Ratio Lower Upper

128 100

130 33.2 12.6 52.6

64 40.8 22.1 62.1





#9

Benzaldehyde

Concen: 34.61 ng

RT: 6.067 min Scan# 39

Delta R.T. -0.023 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

Instrument :

BNA_F

ClientSampleId :

I-2MSD

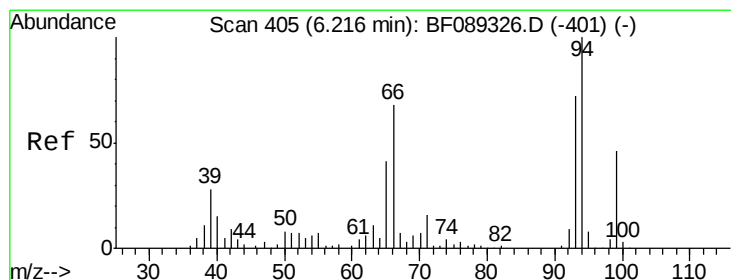
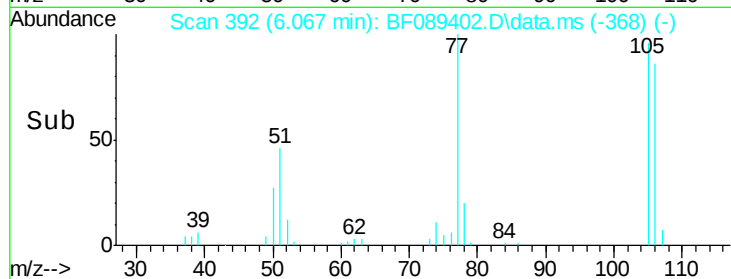
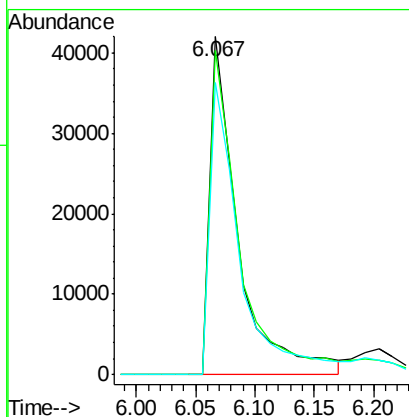
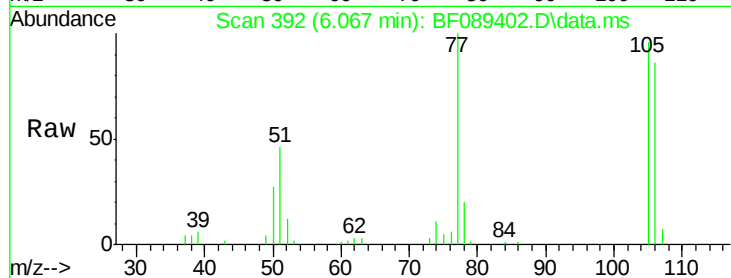
Tot Ion: 77 Resp: 69256

Ion Ratio Lower Upper

77 100

105 95.7 82.9 122.9

106 86.4 75.9 115.9



#10

Phenol

Concen: 35.90 ng

RT: 6.204 min Scan# 404

Delta R.T. -0.011 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

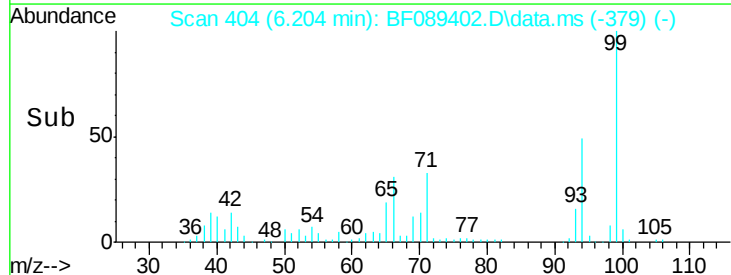
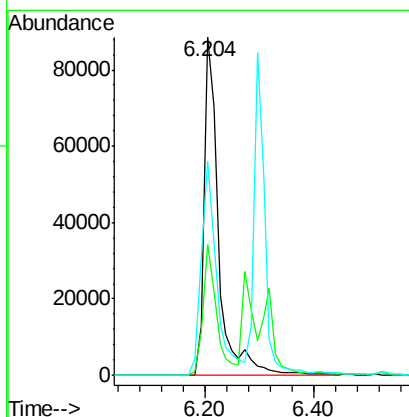
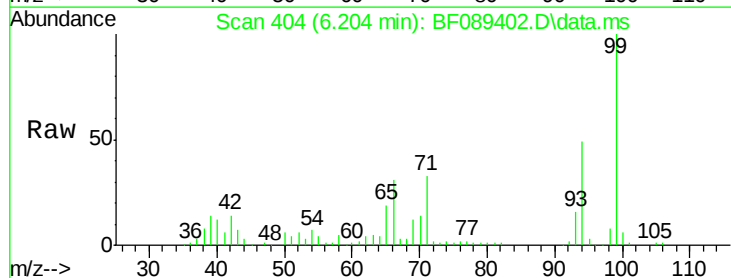
Tgt Ion: 94 Resp: 162317

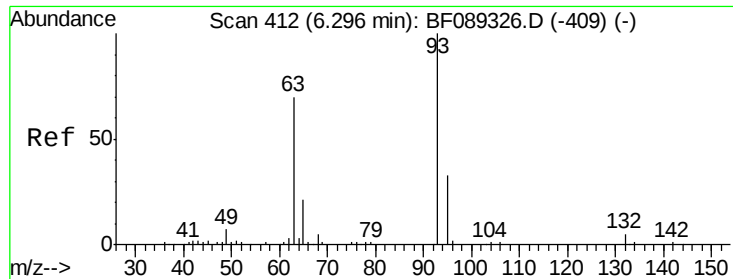
Ion Ratio Lower Upper

94 100

65 38.5 19.1 59.1

66 63.3 44.4 84.4

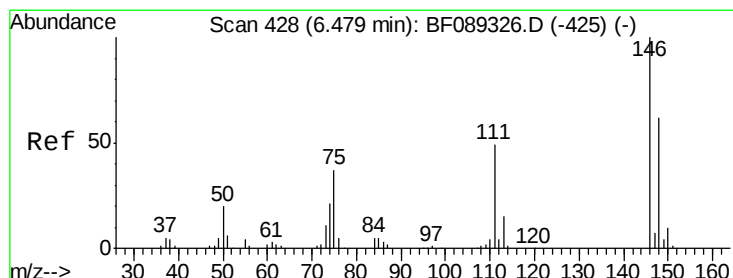
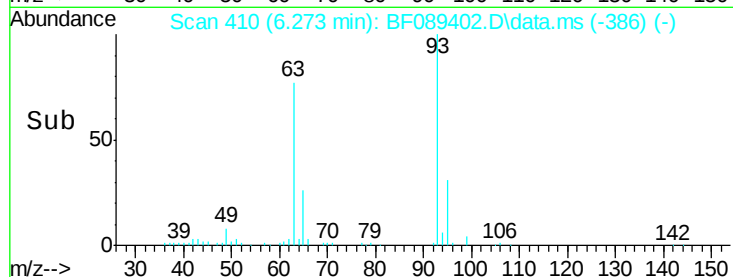
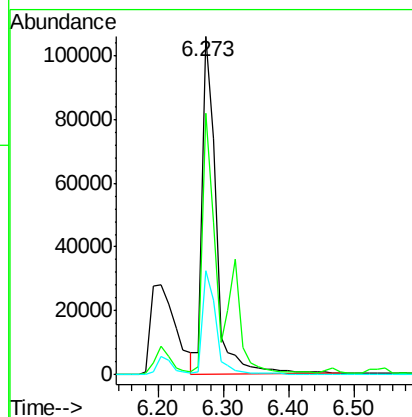
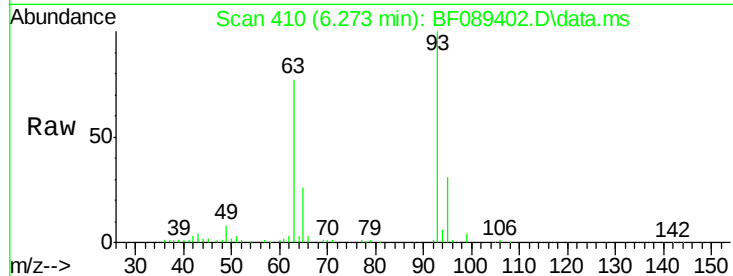




#11
bis(2-Chloroethyl)ether
Concen: 39.92 ng
RT: 6.273 min Scan# 41
Delta R.T. -0.023 min
Lab File: BF089402.D
Acq: 29 Jul 2016 10:19

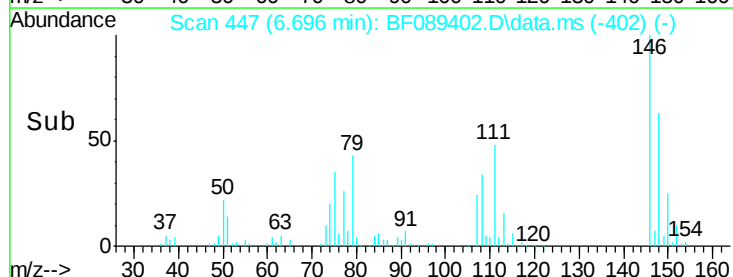
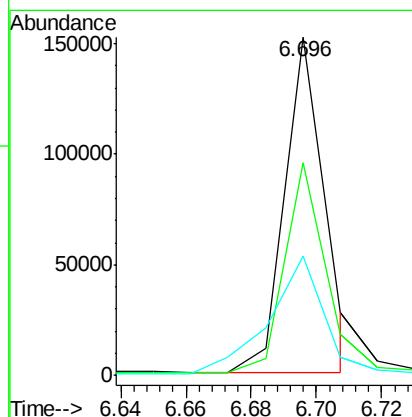
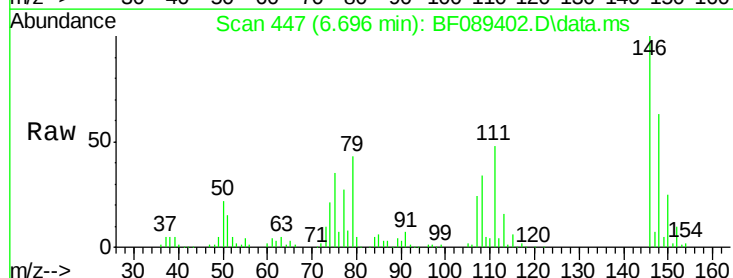
Instrument :
BNA_F
ClientSampleId :
I-2MSD

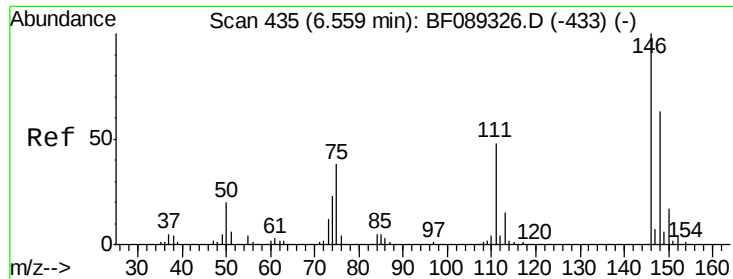
Tot Ion: 93 Resp: 153364
Ion Ratio Lower Upper
93 100
63 77.3 45.6 85.6
95 30.6 11.1 51.1



#12
1,3-Dichlorobenzene
Concen: 35.40 ng
RT: 6.696 min Scan# 447
Delta R.T. 0.217 min
Lab File: BF089402.D
Acq: 29 Jul 2016 10:19

Tgt Ion: 146 Resp: 129867
Ion Ratio Lower Upper
146 100
148 63.0 50.5 75.7
75 35.3 30.0 45.0

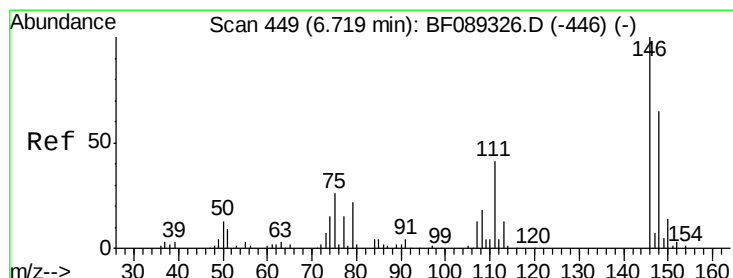
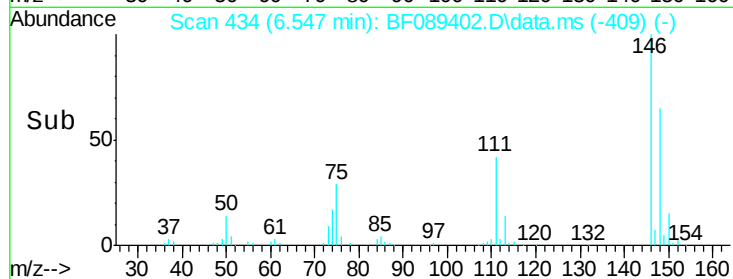
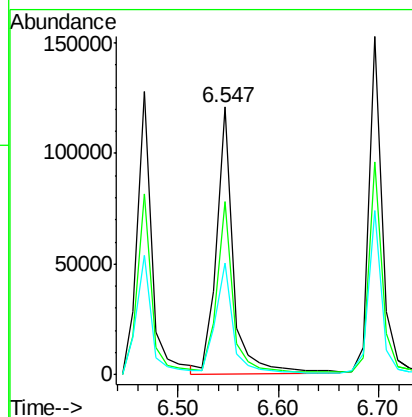
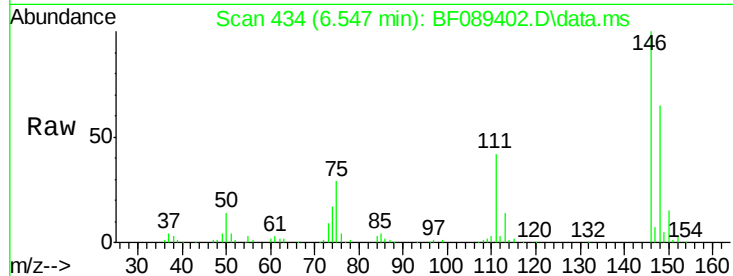




#13
 1,4-Dichlorobenzene
 Concen: 35.32 ng
 RT: 6.547 min Scan# 43
 Delta R.T. -0.011 min
 Lab File: BF089402.D
 Acq: 29 Jul 2016 10:19

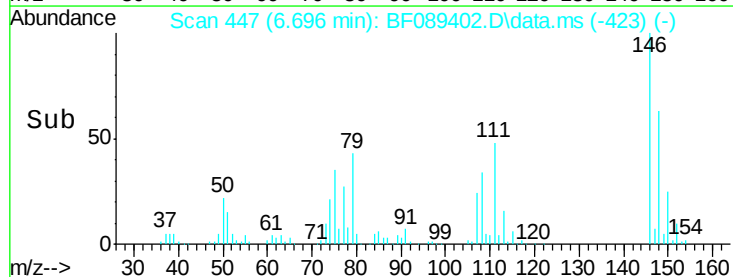
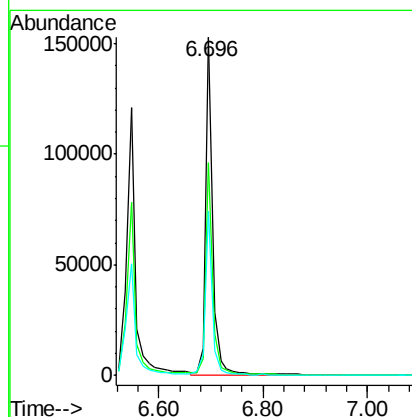
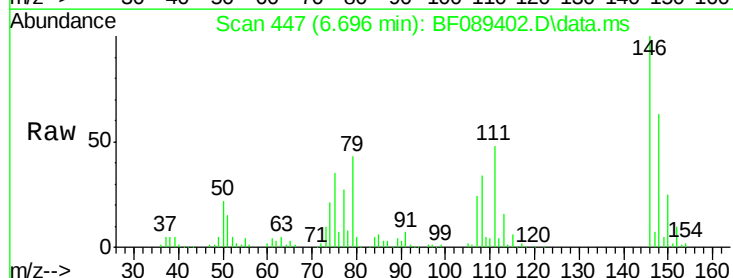
Instrument :
 BNA_F
 ClientSampleId :
 I-2MSD

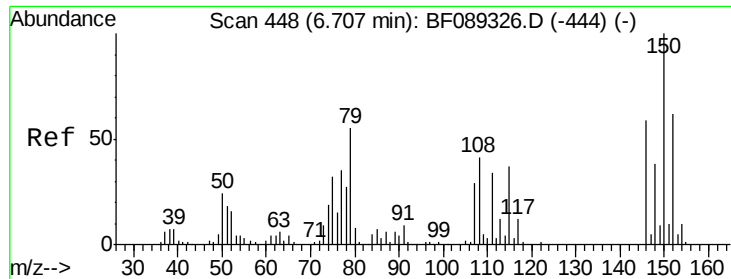
Tot Ion:146 Resp: 143014
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.8 76.2
 111 41.7 38.6 57.8



#14
 1,2-Dichlorobenzene
 Concen: 38.94 ng
 RT: 6.696 min Scan# 447
 Delta R.T. -0.023 min
 Lab File: BF089402.D
 Acq: 29 Jul 2016 10:19

Tgt Ion:146 Resp: 147696
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.4 75.6
 111 48.4 33.0 49.4

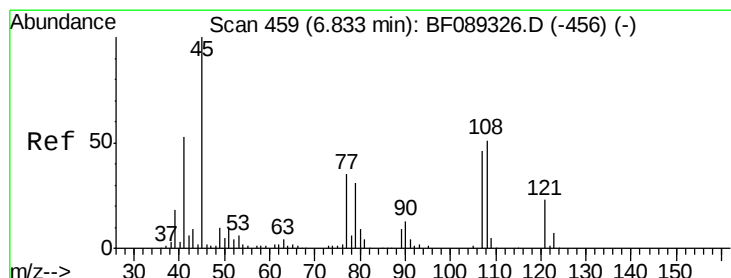
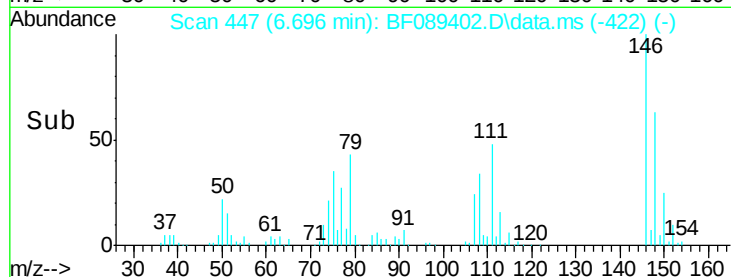
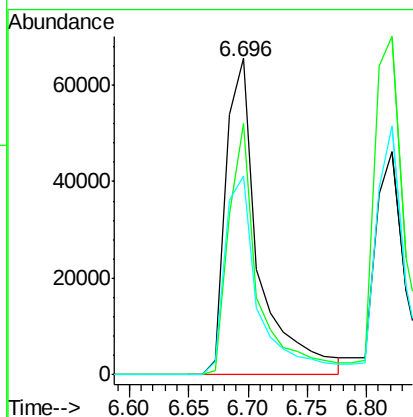
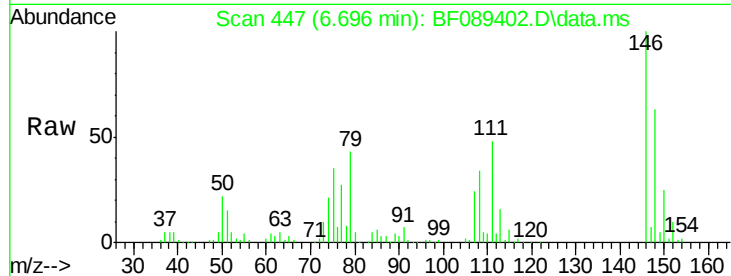




#15
Benzyl Alcohol
Concen: 49.69 ng
RT: 6.696 min Scan# 44
Delta R.T. -0.011 min
Lab File: BF089402.D
Acq: 29 Jul 2016 10:19

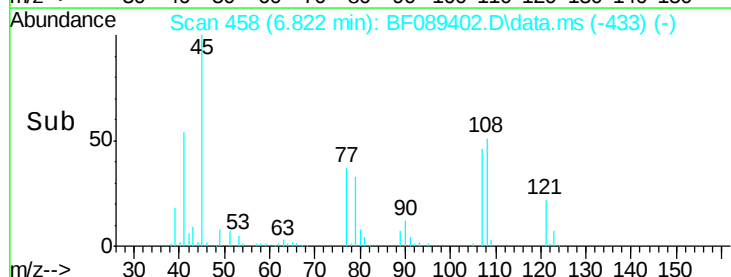
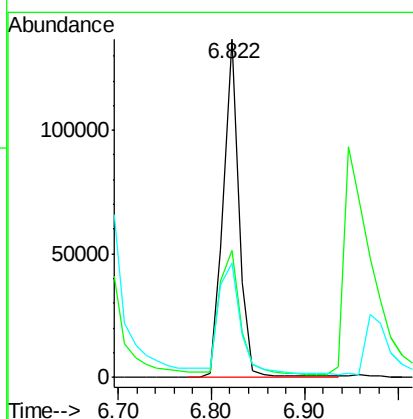
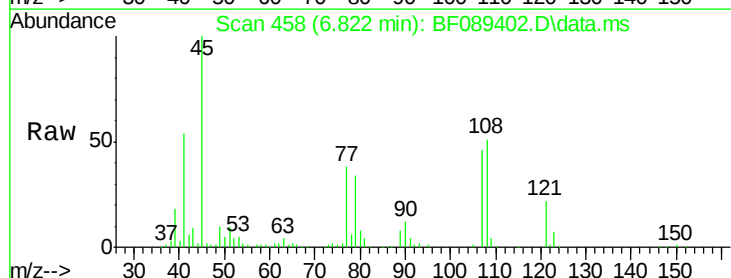
Instrument :
BNA_F
ClientSampleId :
I-2MSD

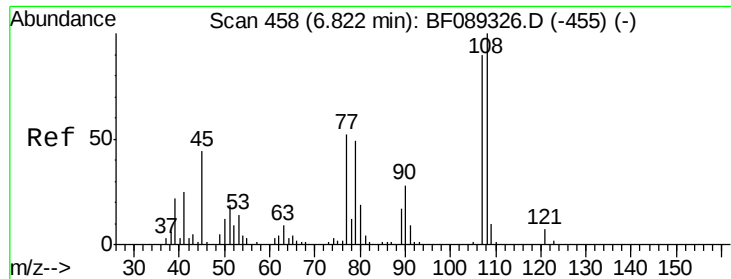
Tot Ion: 79 Resp: 126372
Ion Ratio Lower Upper
79 100
108 79.4 59.8 89.6
77 62.7 51.7 77.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.79 ng
RT: 6.822 min Scan# 458
Delta R.T. -0.011 min
Lab File: BF089402.D
Acq: 29 Jul 2016 10:19

Tgt Ion: 45 Resp: 162552
Ion Ratio Lower Upper
45 100
77 37.7 17.3 57.3
79 33.7 13.9 53.9

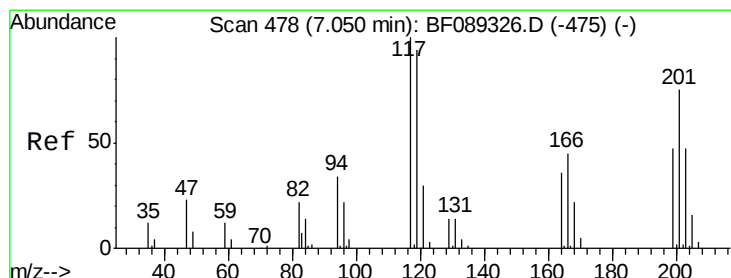
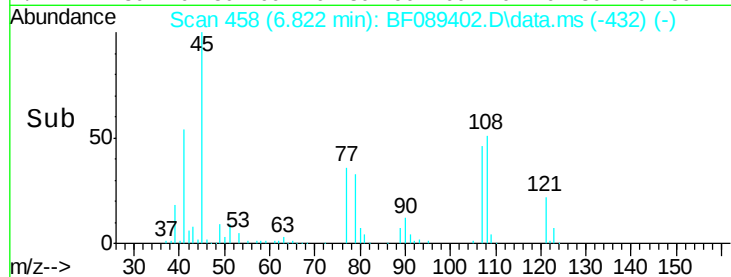
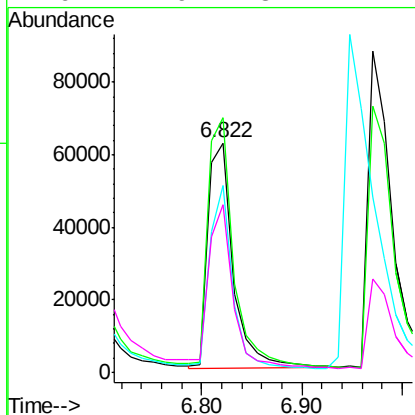
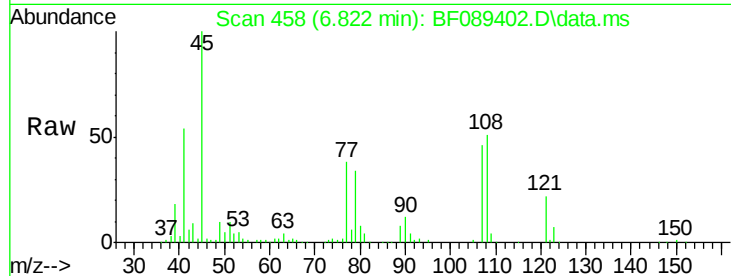




#17
2-Methylphenol
Concen: 40.02 ng
RT: 6.822 min Scan# 45
Delta R.T. -0.000 min
Lab File: BF089402.D
Acq: 29 Jul 2016 10:19

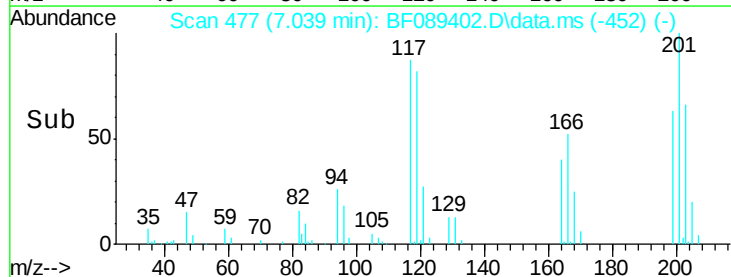
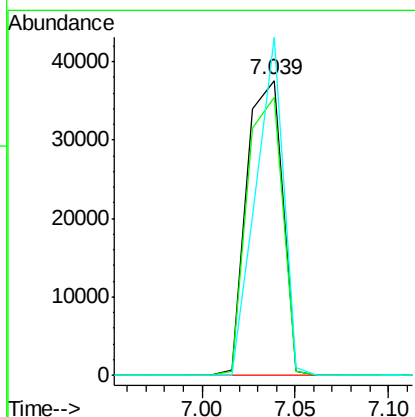
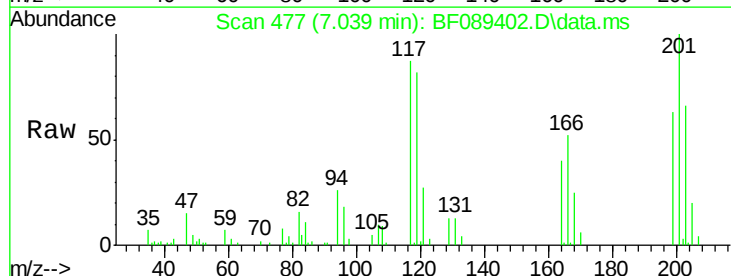
Instrument :
BNA_F
ClientSampled :
I-2MSD

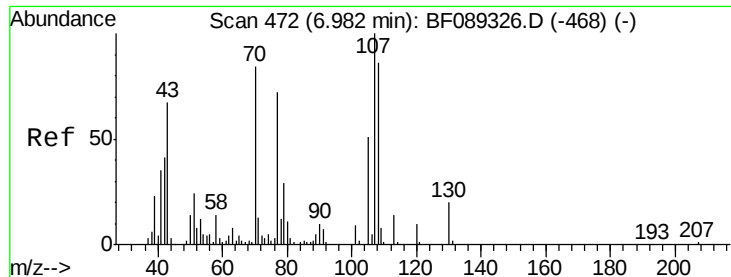
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.8	91.4	137.0
77	81.5	48.6	73.0#
79	72.9	48.2	72.4#



#18
Hexachloroethane
Concen: 32.14 ng
RT: 7.039 min Scan# 477
Delta R.T. -0.011 min
Lab File: BF089402.D
Acq: 29 Jul 2016 10:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.0	114.0
201	114.8	60.0	90.0#

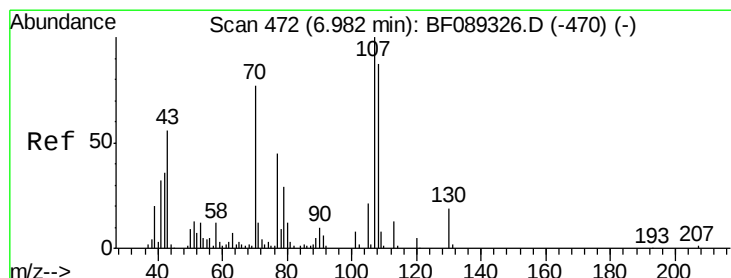
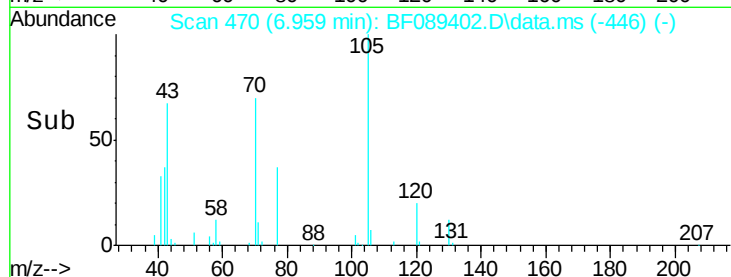
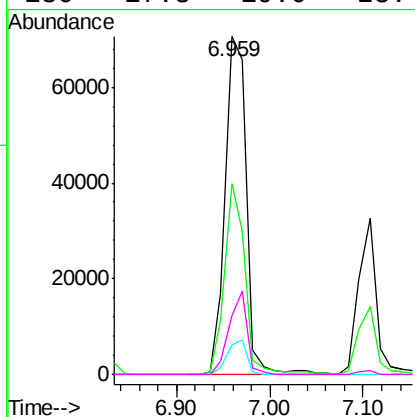
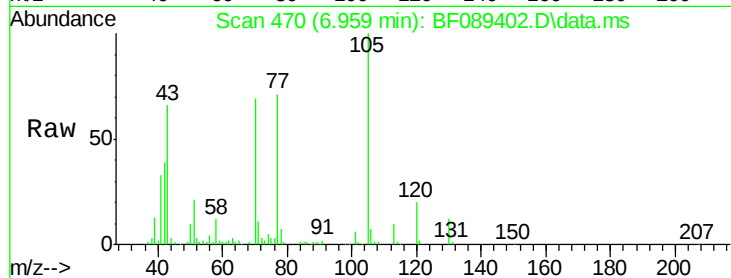




#19
n-Nitroso-di-n-propylamine
Concen: 45.64 ng
RT: 6.959 min Scan# 471
Delta R.T. -0.023 min
Lab File: BF089402.D
Acq: 29 Jul 2016 10:19

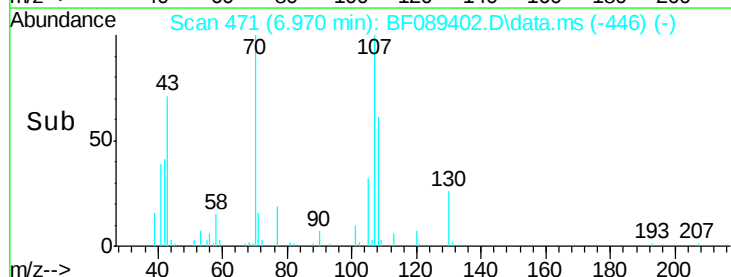
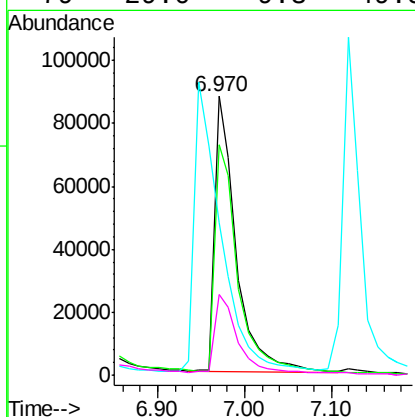
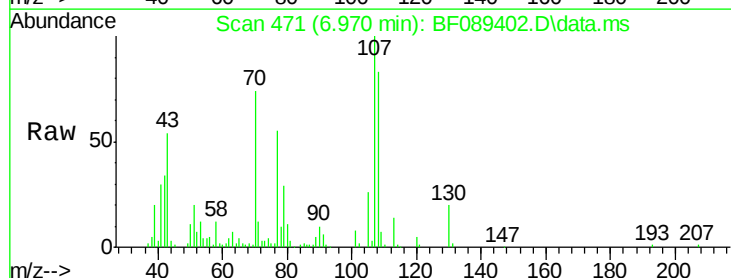
Instrument :
BNA_F
ClientSampleId :
I-2MSD

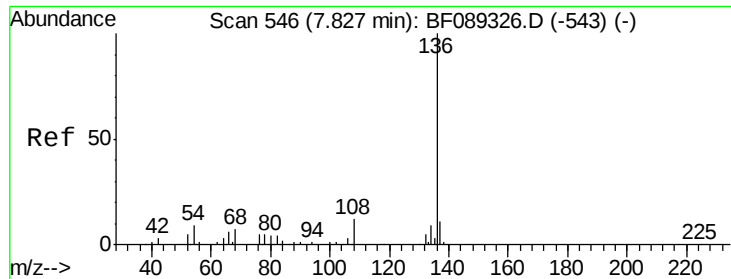
Tot Ion: 70 Resp: 112767
Ion Ratio Lower Upper
70 100
42 56.5 38.6 57.8
101 8.8 8.3 12.5
130 17.3 19.0 28.4#



#20
3+4-Methylphenols
Concen: 44.02 ng
RT: 6.970 min Scan# 471
Delta R.T. -0.011 min
Lab File: BF089402.D
Acq: 29 Jul 2016 10:19

Tgt Ion: 107 Resp: 153253
Ion Ratio Lower Upper
107 100
108 82.8 63.3 103.3
77 54.7 51.1 91.1
79 29.0 9.3 49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.816 min Scan# 54

Delta R.T. -0.011 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

Instrument :

BNA_F

ClientSampleId :

I-2MSD

Tot Ion:136 Resp: 196952

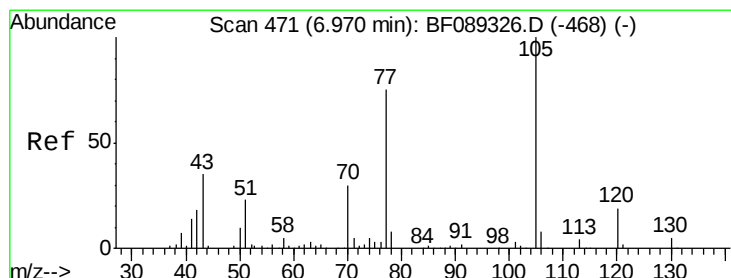
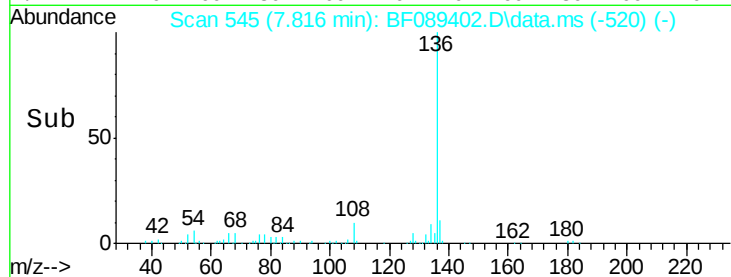
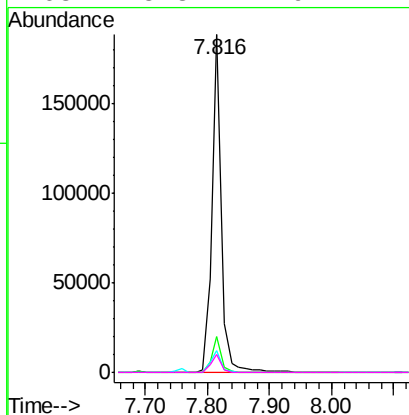
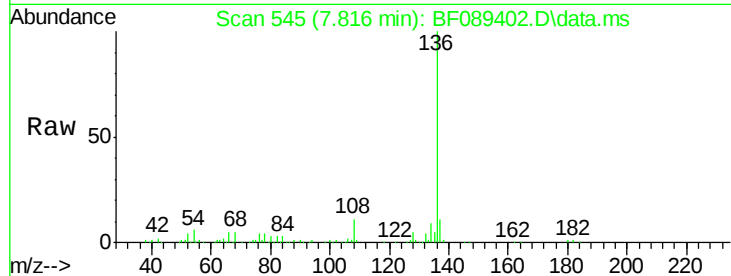
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 6.5 7.0 10.4#

68 5.3 4.9 7.3



#22

Acetophenone

Concen: 42.31 ng

RT: 6.947 min Scan# 469

Delta R.T. -0.023 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

Tgt Ion:105 Resp: 198375

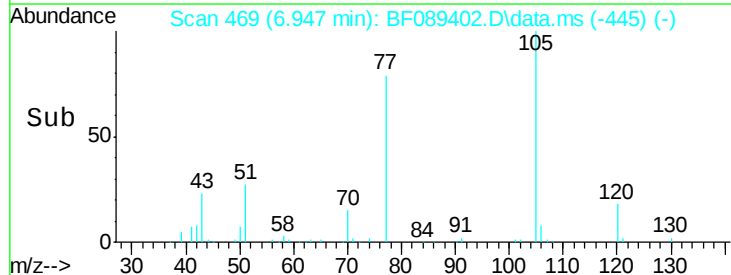
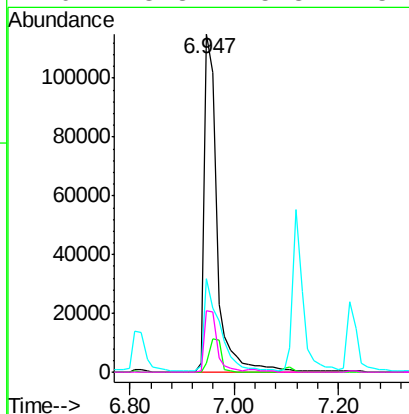
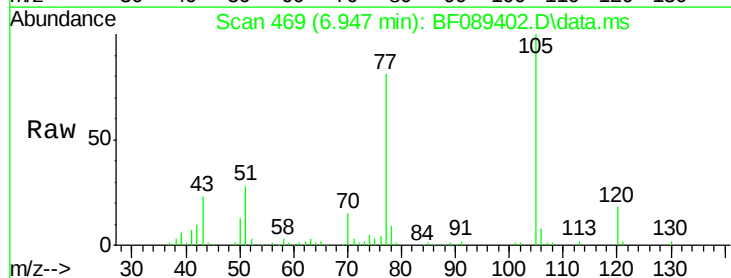
Ion Ratio Lower Upper

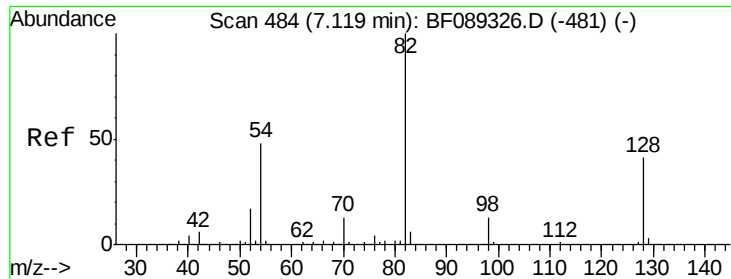
105 100

71 2.6 4.2 6.2#

51 27.5 18.7 28.1

120 18.3 15.8 23.6





#23

Nitrobenzene-d5

Concen: 96.46 ng

RT: 7.107 min Scan# 481

Delta R.T. -0.011 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

Instrument :

BNA_F

ClientSampleId :

I-2MSD

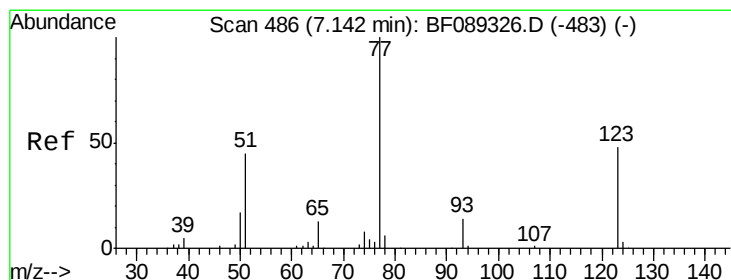
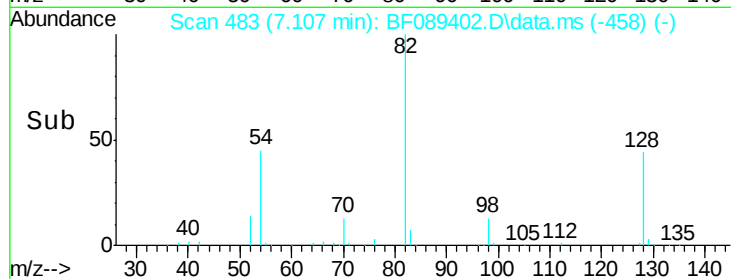
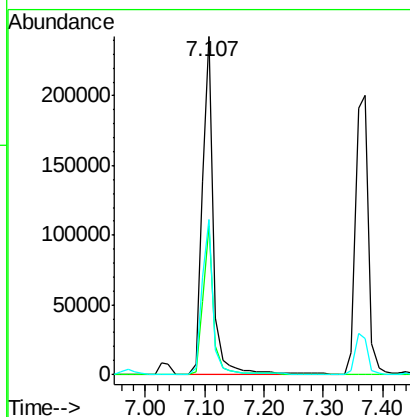
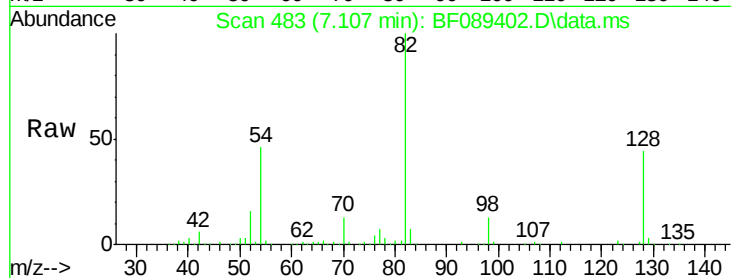
Tot Ion: 82 Resp: 321849

Ion Ratio Lower Upper

82 100

128 43.9 32.5 48.7

54 45.9 38.8 58.2



#24

Nitrobenzene

Concen: 39.22 ng

RT: 7.119 min Scan# 484

Delta R.T. -0.023 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

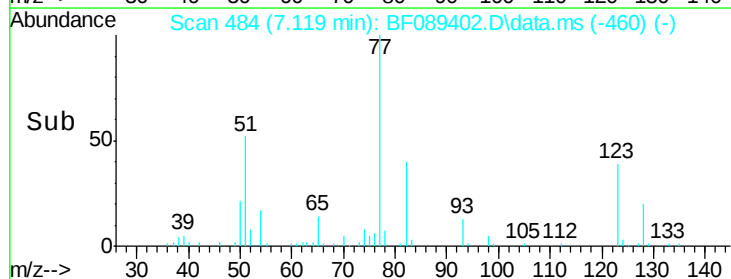
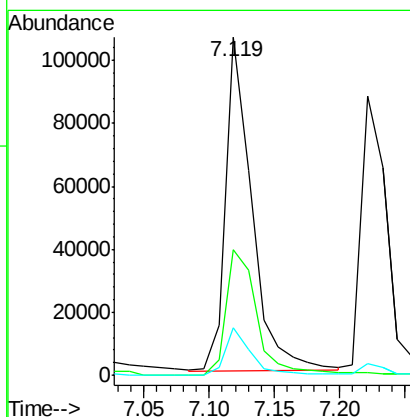
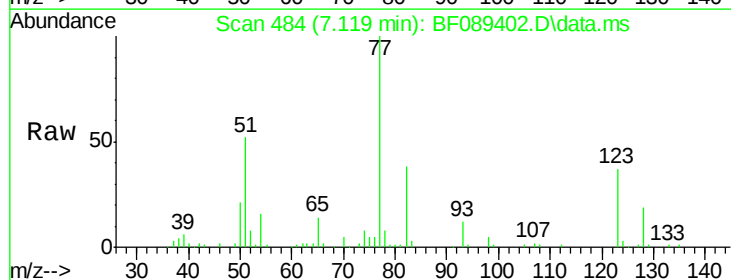
Tgt Ion: 77 Resp: 148928

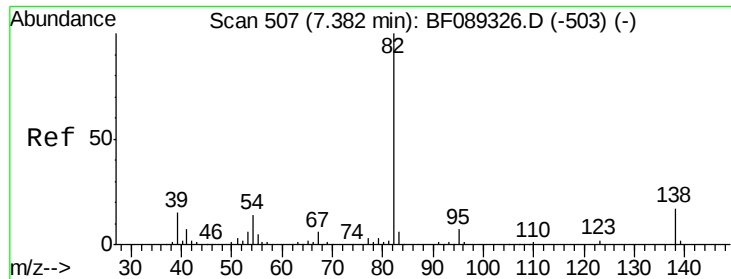
Ion Ratio Lower Upper

77 100

123 37.3 37.2 55.8

65 13.9 10.2 15.4





#25

Isophorone

Concen: 44.40 ng

RT: 7.370 min Scan# 50

Delta R.T. -0.011 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

Instrument :

BNA_F

ClientSampleId :

I-2MSD

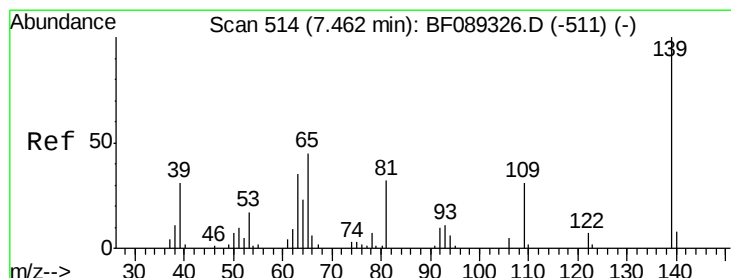
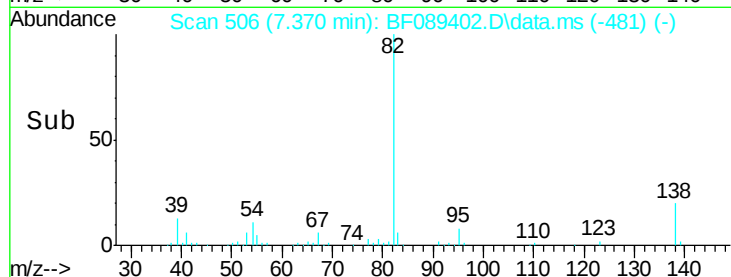
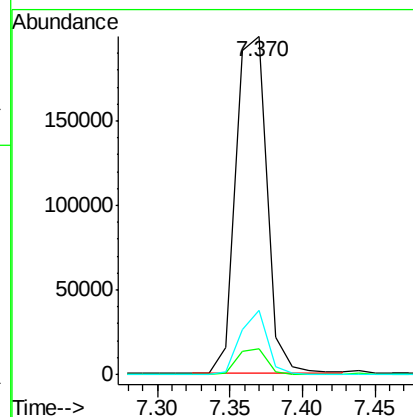
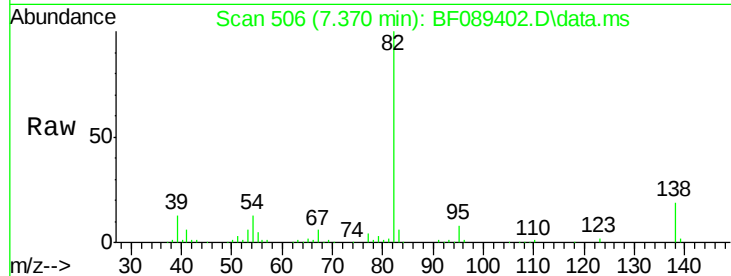
Tot Ion: 82 Resp: 298418

Ion Ratio Lower Upper

82 100

95 7.6 6.0 9.0

138 19.0 13.3 19.9



#26

2-Nitrophenol

Concen: 44.42 ng

RT: 7.439 min Scan# 512

Delta R.T. -0.022 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

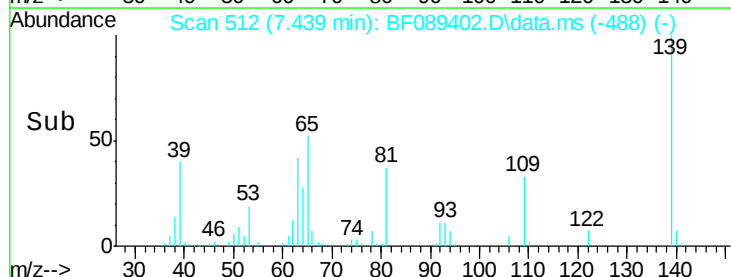
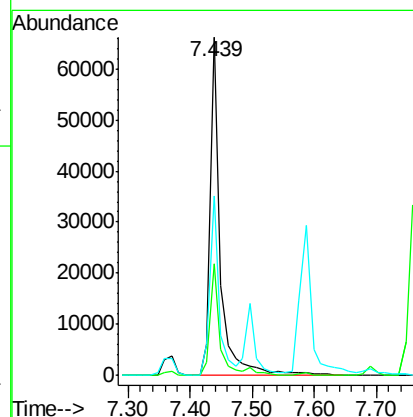
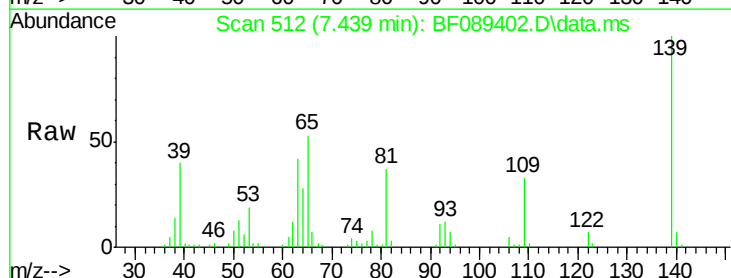
Tgt Ion: 139 Resp: 75428

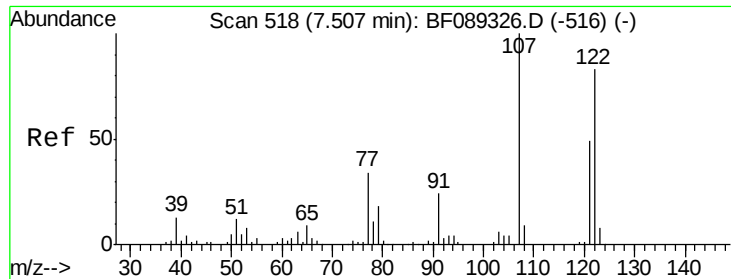
Ion Ratio Lower Upper

139 100

109 32.8 25.8 38.8

65 53.0 35.2 52.8#

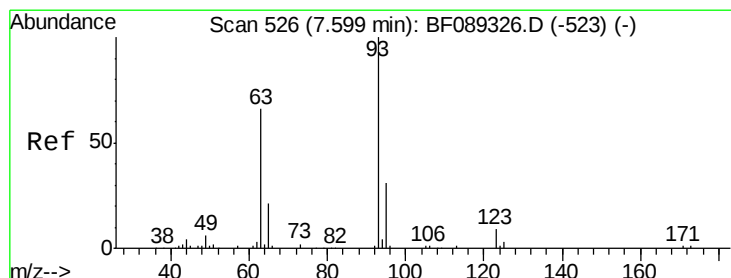
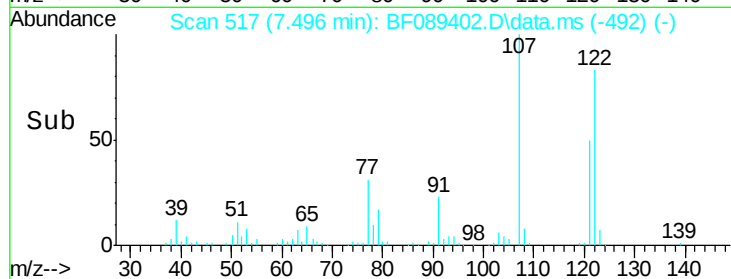
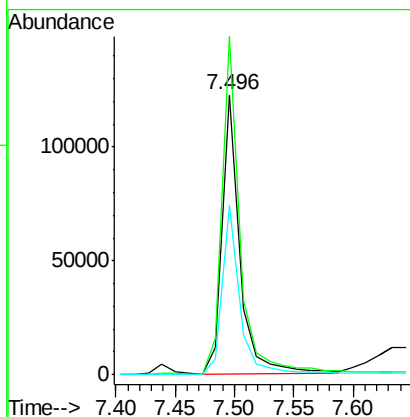
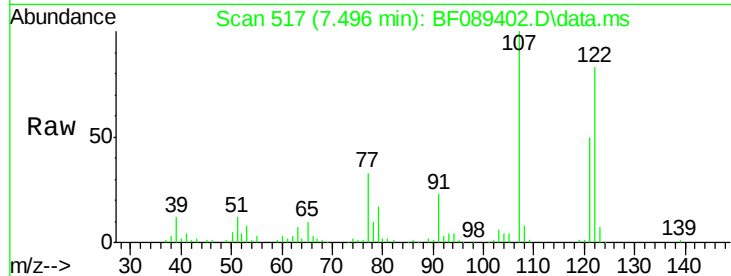




#27
 2,4-Dimethylphenol
 Concen: 46.57 ng
 RT: 7.496 min Scan# 51
 Delta R.T. -0.011 min
 Lab File: BF089402.D
 Acq: 29 Jul 2016 10:19

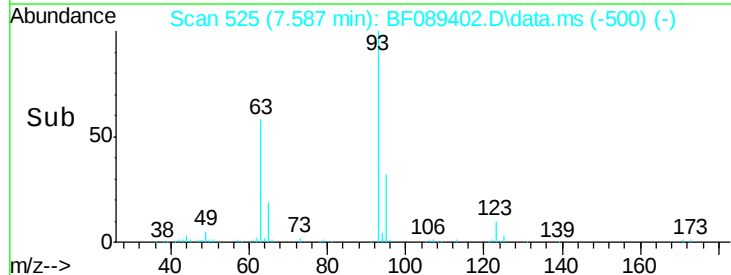
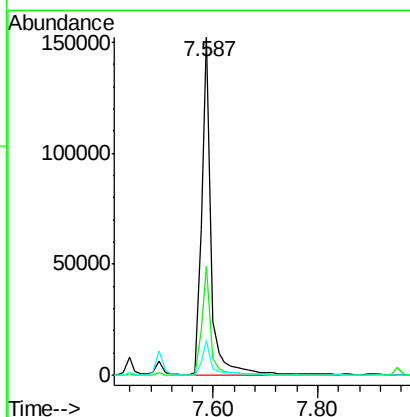
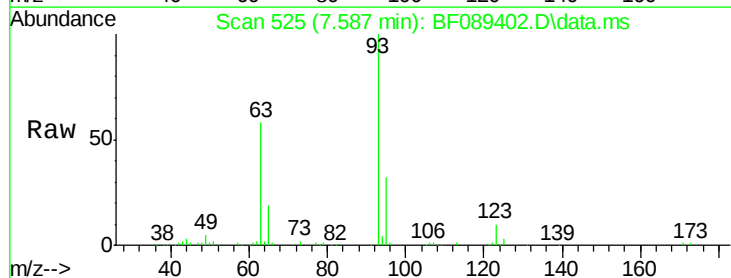
Instrument :
 BNA_F
 ClientSampled :
 I-2MSD

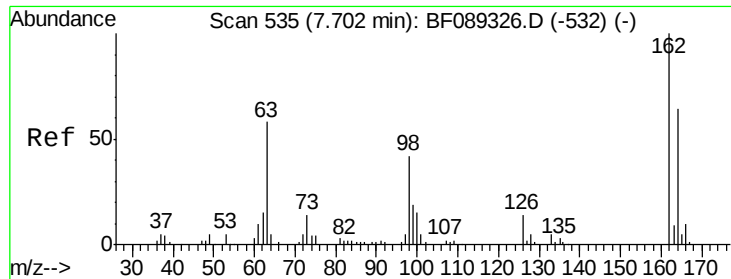
Tot Ion	Ratio	Lower	Upper
122	100		
107	120.9	97.2	145.8
121	60.4	48.8	73.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 52.23 ng
 RT: 7.587 min Scan# 525
 Delta R.T. -0.011 min
 Lab File: BF089402.D
 Acq: 29 Jul 2016 10:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	24.7	37.1
123	10.4	7.5	11.3

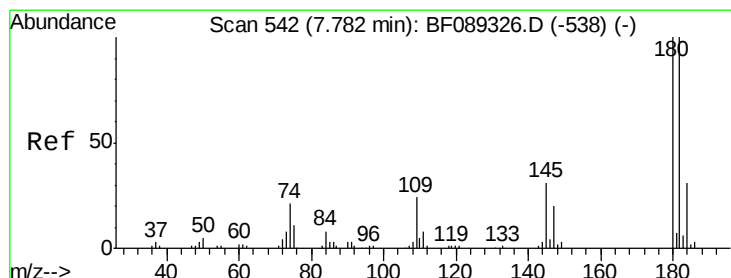
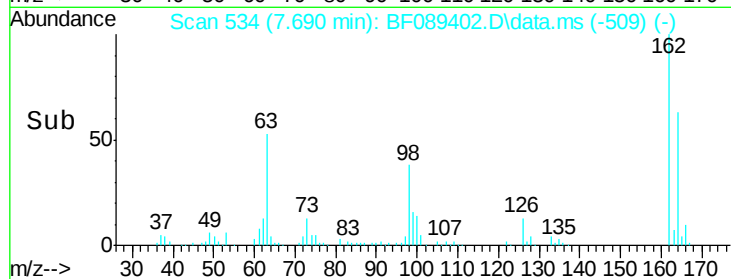
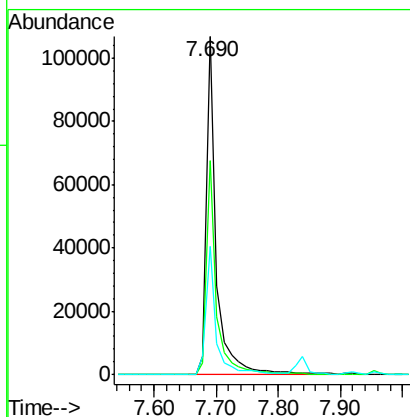
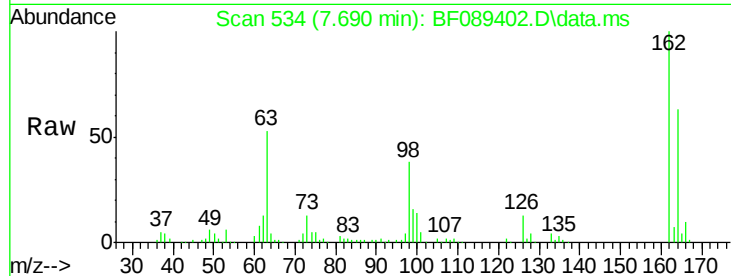




#29
2,4-Dichlorophenol
Concen: 47.91 ng
RT: 7.690 min Scan# 53
Delta R.T. -0.011 min
Lab File: BF089402.D
Acq: 29 Jul 2016 10:19

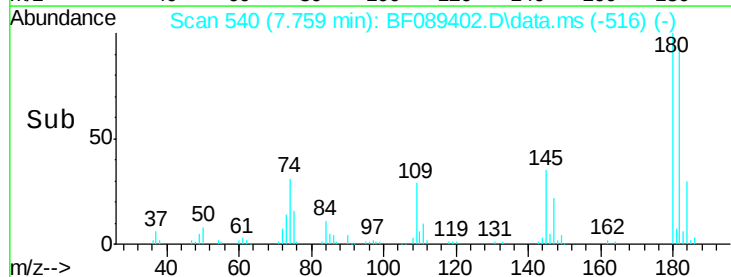
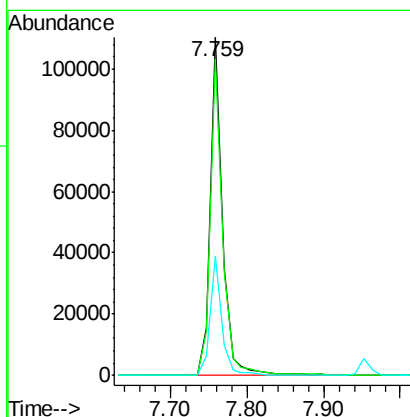
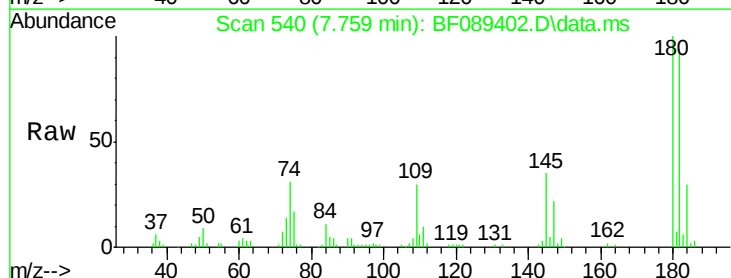
Instrument :
BNA_F
ClientSampleId :
I-2MSD

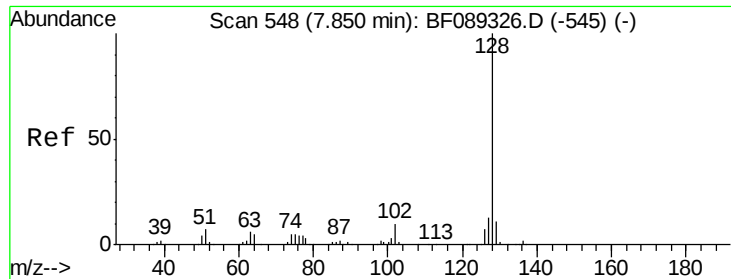
Tot Ion:162 Resp: 118087
Ion Ratio Lower Upper
162 100
164 63.4 44.0 84.0
98 37.9 21.8 61.8



#30
1,2,4-Trichlorobenzene
Concen: 42.80 ng
RT: 7.759 min Scan# 540
Delta R.T. -0.023 min
Lab File: BF089402.D
Acq: 29 Jul 2016 10:19

Tgt Ion:180 Resp: 120355
Ion Ratio Lower Upper
180 100
182 93.6 78.2 117.2
145 35.2 24.6 36.8

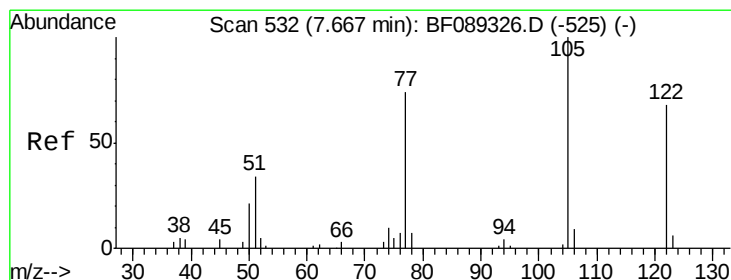
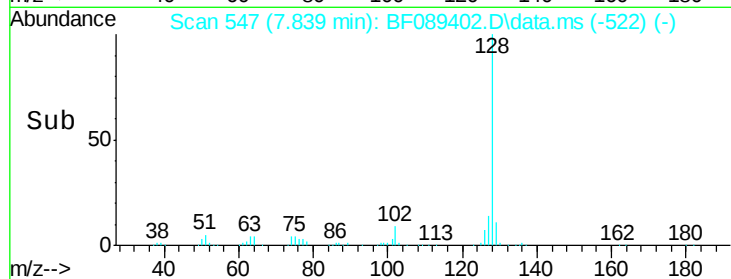
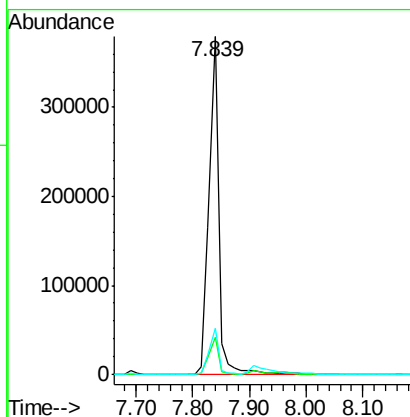
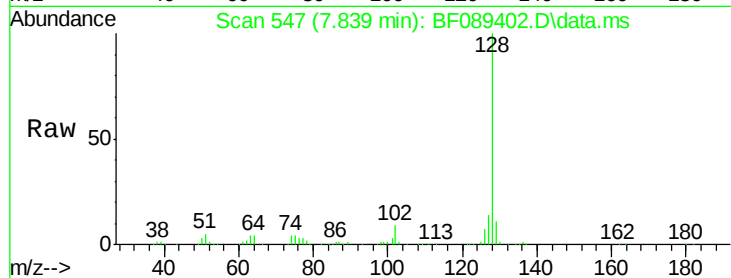




#31
Naphthalene
Concen: 44.76 ng
RT: 7.839 min Scan# 54
Delta R.T. -0.011 min
Lab File: BF089402.D
Acq: 29 Jul 2016 10:19

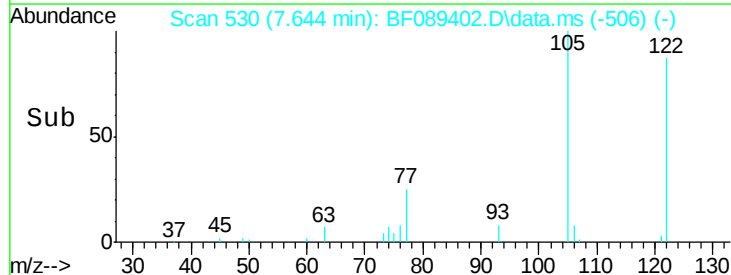
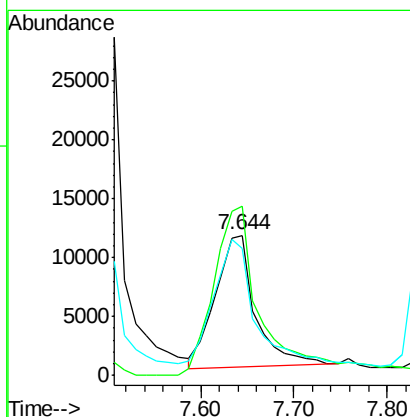
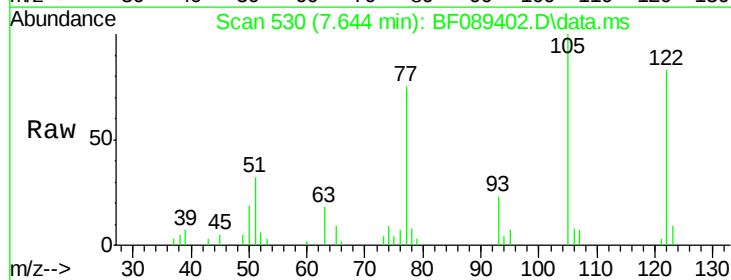
Instrument :
BNA_F
ClientSampleId :
I-2MSD

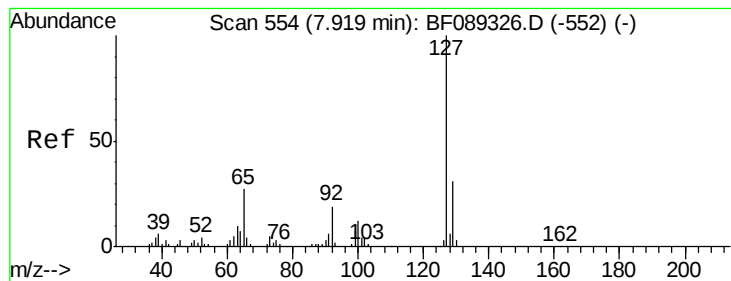
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.7	10.8	16.2



#32
Benzoic acid
Concen: 18.03 ng
RT: 7.644 min Scan# 530
Delta R.T. -0.023 min
Lab File: BF089402.D
Acq: 29 Jul 2016 10:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.6	106.4	146.4
77	90.8	76.4	116.4





#33

4-Chloroaniline

Concen: 8.86 ng

RT: 7.907 min Scan# 55

Delta R.T. -0.011 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

Instrument :

BNA_F

ClientSampleId :

I-2MSD

Tot Ion:127 Resp: 32899

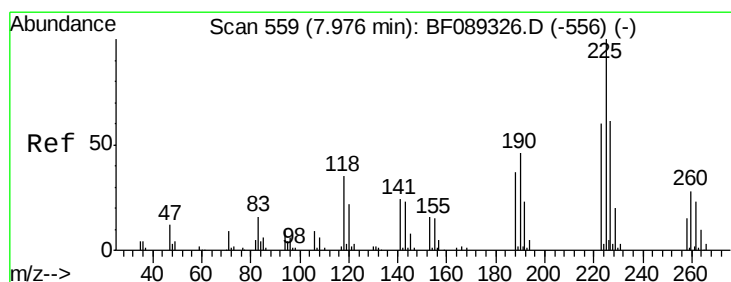
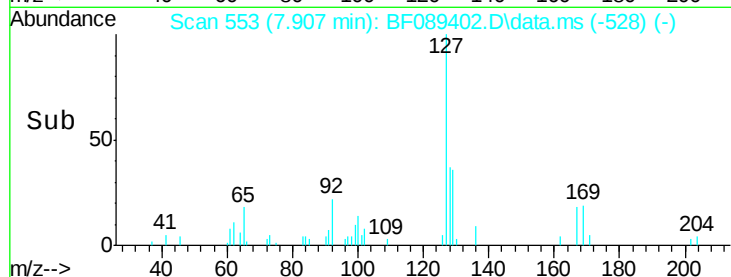
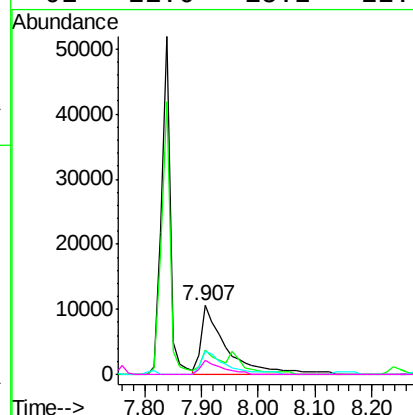
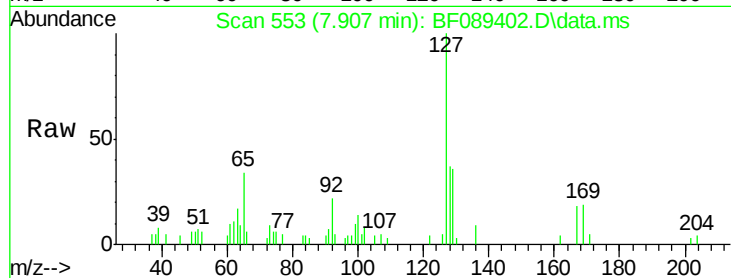
Ion Ratio Lower Upper

127 100

129 36.3 26.1 39.1

65 34.5 22.0 33.0#

92 21.6 15.2 22.8



#34

Hexachlorobutadiene

Concen: 38.76 ng

RT: 7.953 min Scan# 557

Delta R.T. -0.023 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

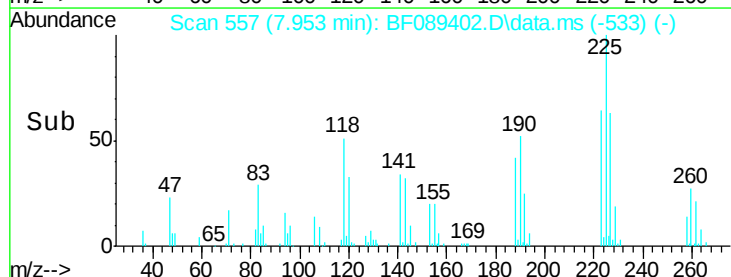
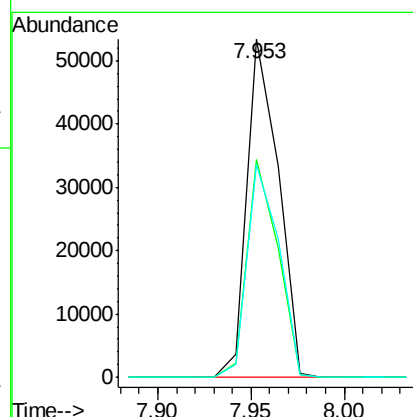
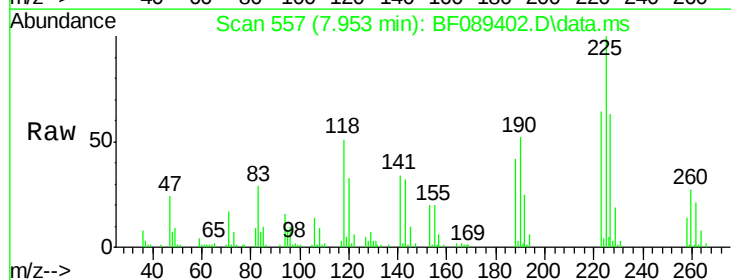
Tgt Ion:225 Resp: 62424

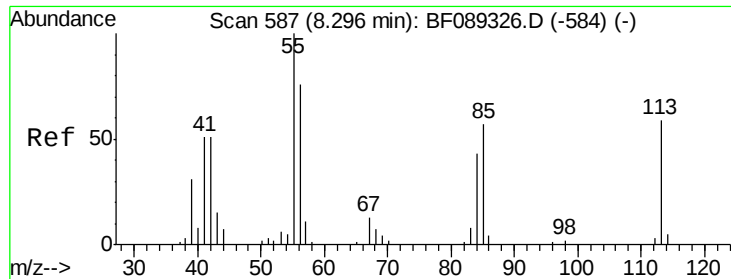
Ion Ratio Lower Upper

225 100

223 64.5 49.8 74.8

227 63.0 49.4 74.2





#35

Caprolactam

Concen: 26.01 ng

RT: 8.284 min Scan# 58

Delta R.T. -0.011 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

Instrument :

BNA_F

ClientSampleId :

I-2MSD

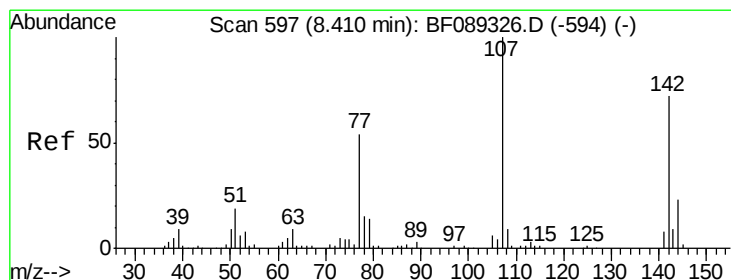
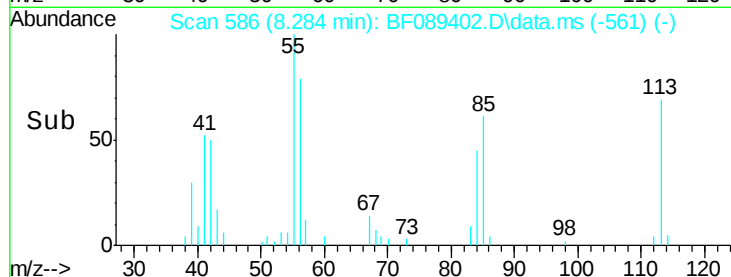
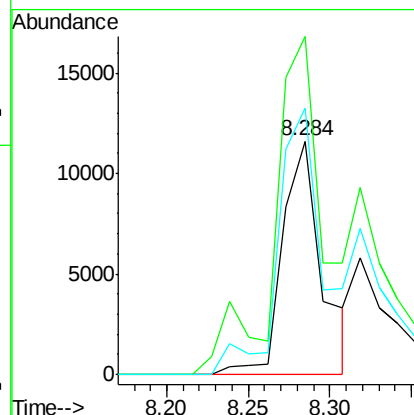
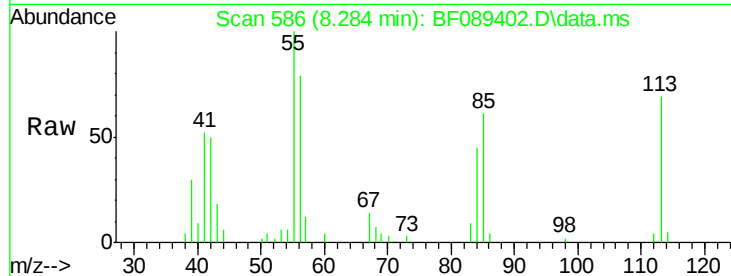
Tot Ion:113 Resp: 19346

Ion Ratio Lower Upper

113 100

55 144.8 142.3 182.3

56 114.0 105.8 145.8



#36

4-Chloro-3-methylphenol

Concen: 43.13 ng

RT: 8.399 min Scan# 596

Delta R.T. -0.011 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

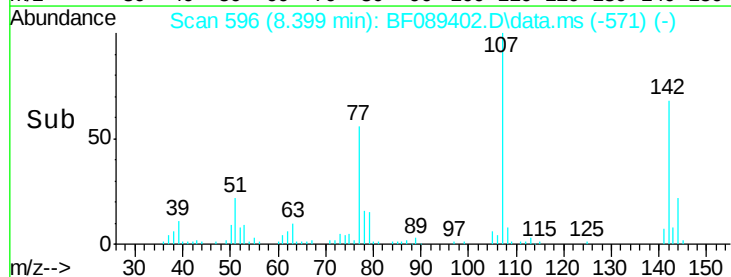
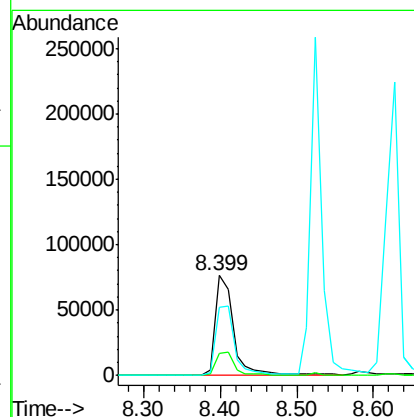
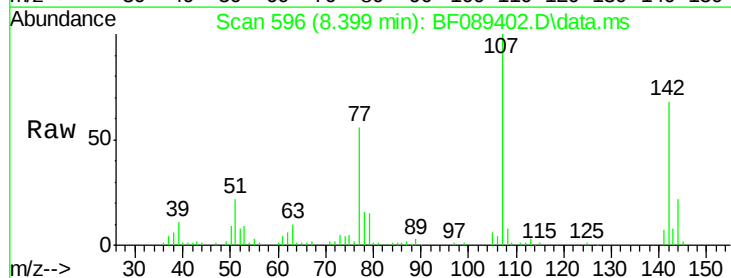
Tgt Ion:107 Resp: 126331

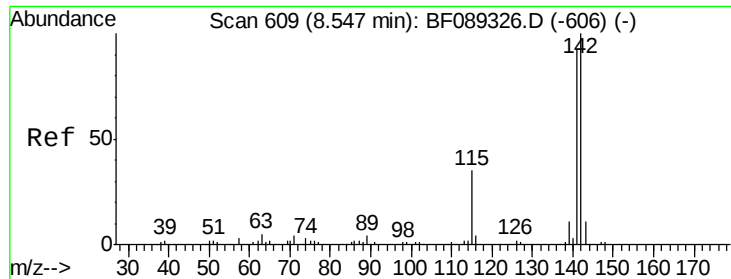
Ion Ratio Lower Upper

107 100

144 21.8 18.4 27.6

142 68.1 58.6 87.8

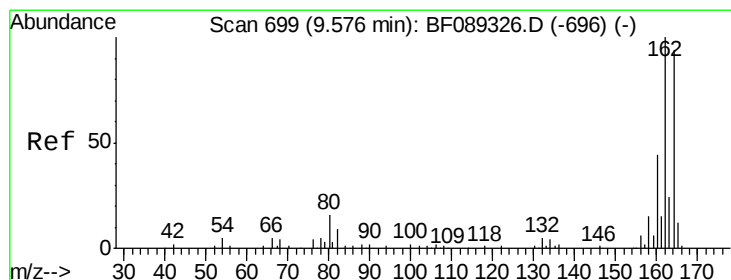
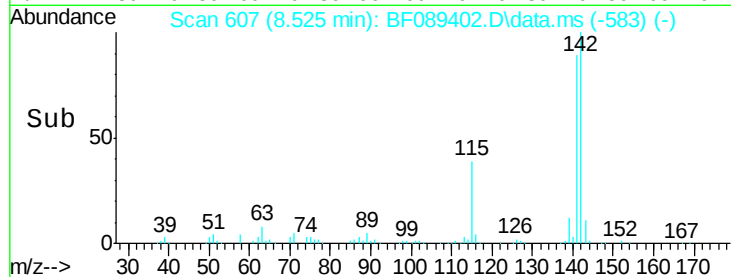
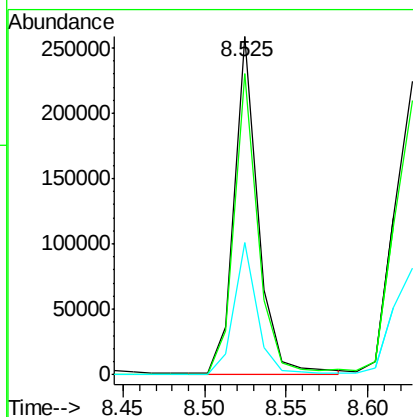
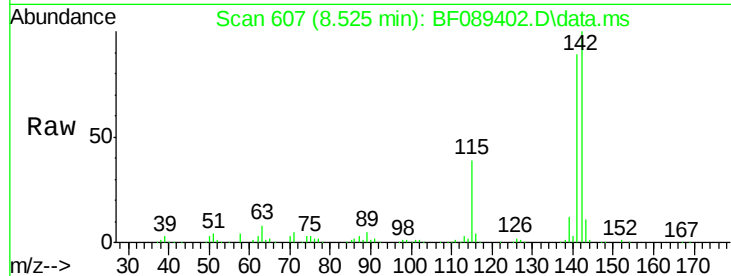




#37
2-Methylnaphthalene
Concen: 44.41 ng
RT: 8.525 min Scan# 60
Delta R.T. -0.023 min
Lab File: BF089402.D
Acq: 29 Jul 2016 10:19

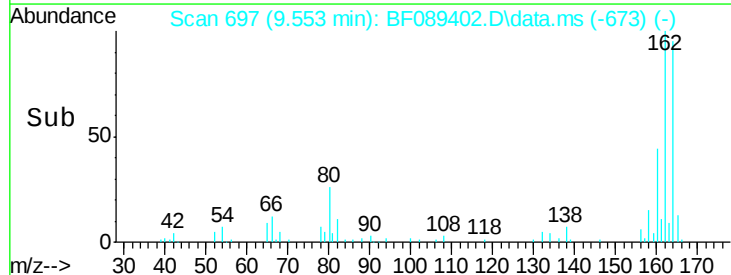
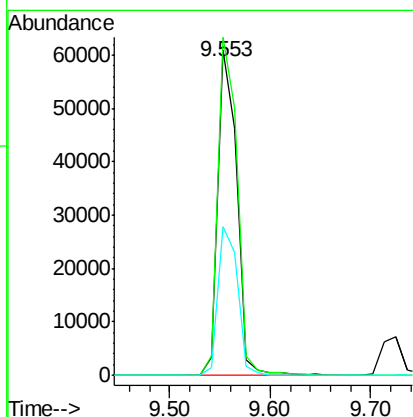
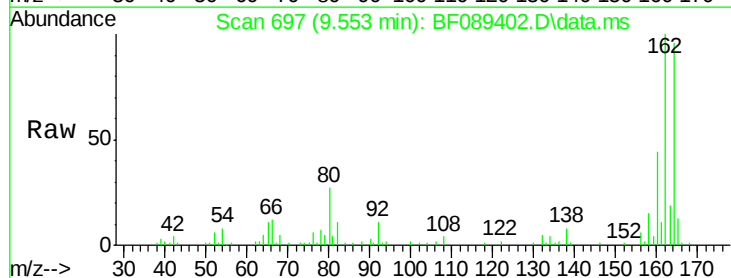
Instrument :
BNA_F
ClientSampleId :
I-2MSD

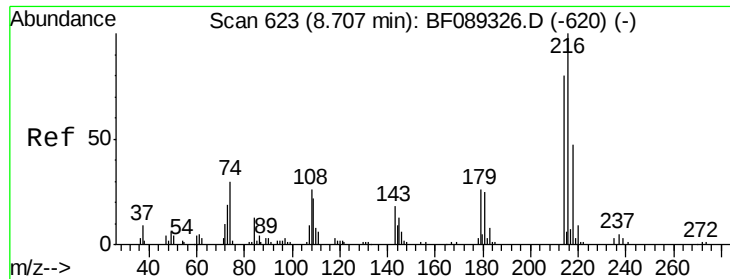
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.9	106.3
115	39.2	27.6	41.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.553 min Scan# 697
Delta R.T. -0.023 min
Lab File: BF089402.D
Acq: 29 Jul 2016 10:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.7	125.5
160	45.6	37.8	56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.97 ng

RT: 8.696 min Scan# 62

Delta R.T. -0.011 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

Instrument :

BNA_F

ClientSampleId :

I-2MSD

Tot Ion:216 Resp: 108588

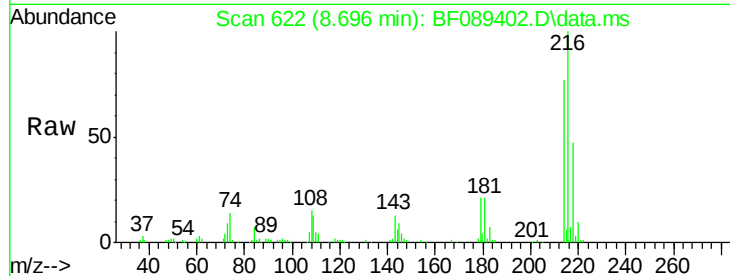
Ion Ratio Lower Upper

216 100

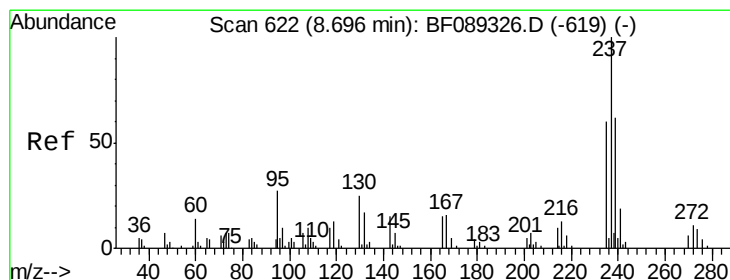
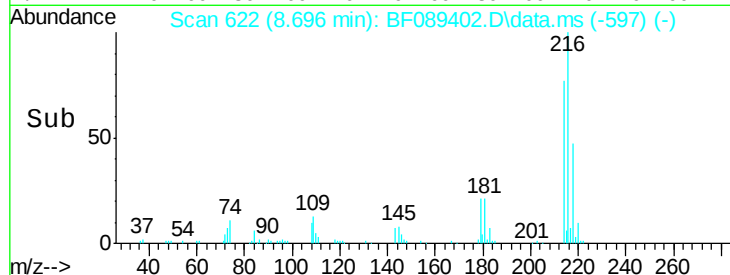
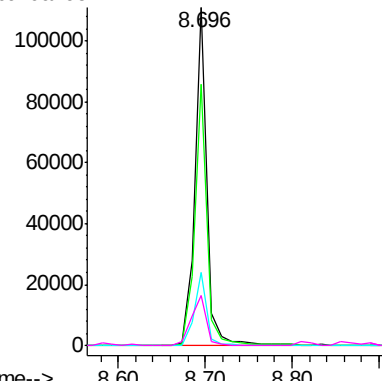
214 78.4 63.3 94.9

179 22.0 18.1 27.1

108 18.8 17.2 25.8



Abundance



#40

Hexachlorocyclopentadiene

Concen: 32.30 ng

RT: 8.673 min Scan# 620

Delta R.T. -0.023 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

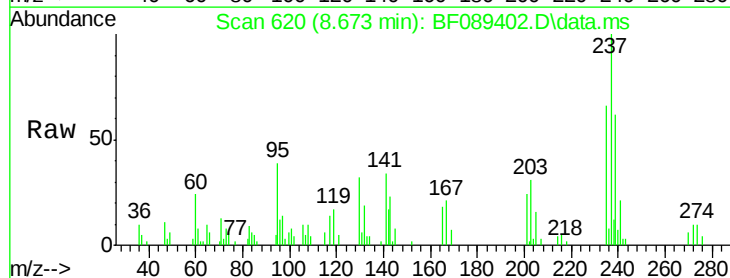
Tgt Ion:237 Resp: 20901

Ion Ratio Lower Upper

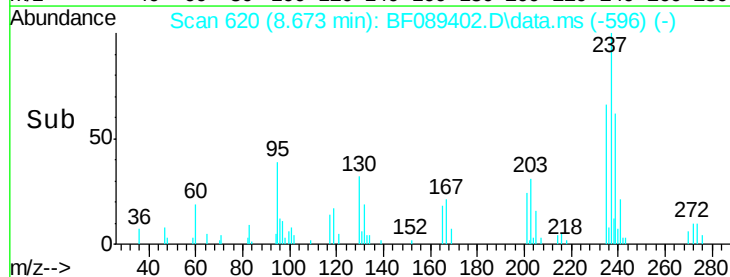
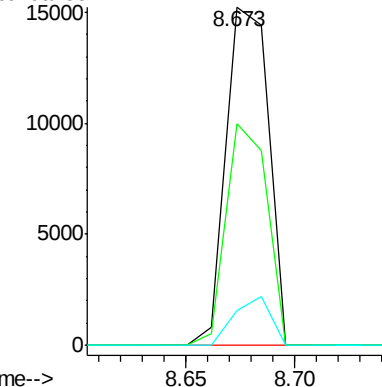
237 100

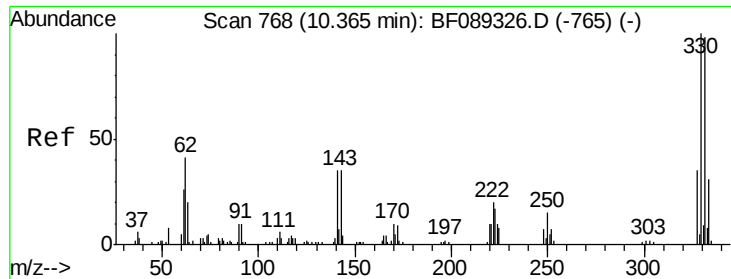
235 65.6 41.6 81.6

272 10.2 0.0 30.8



Abundance

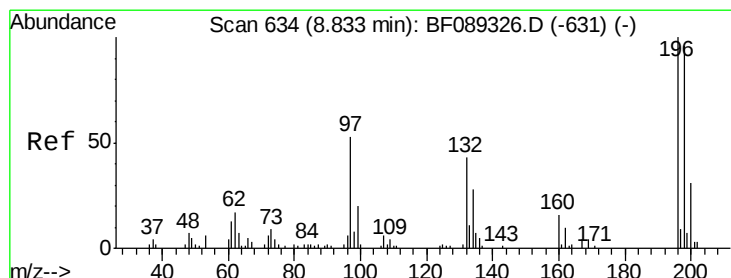
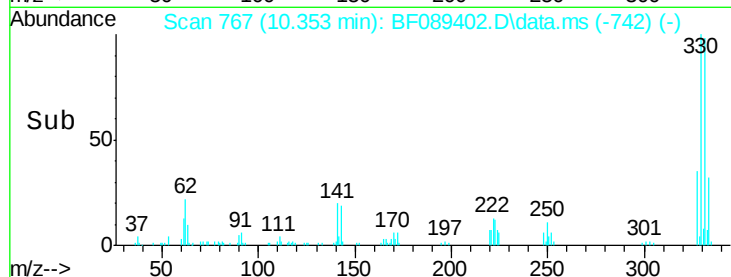
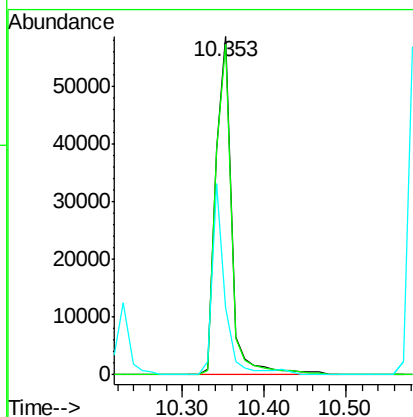
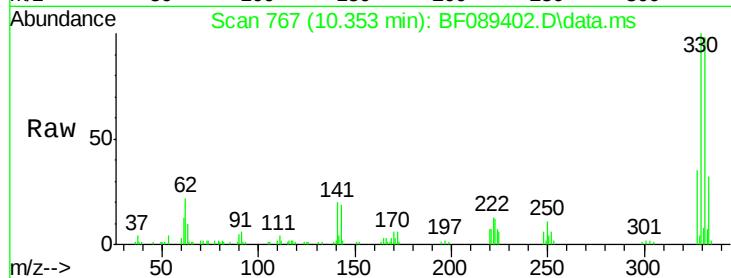




#41
 2,4,6-Tribromophenol
 Concen: 118.79 ng
 RT: 10.353 min Scan# 76
 Delta R.T. -0.011 min
 Lab File: BF089402.D
 Acq: 29 Jul 2016 10:19

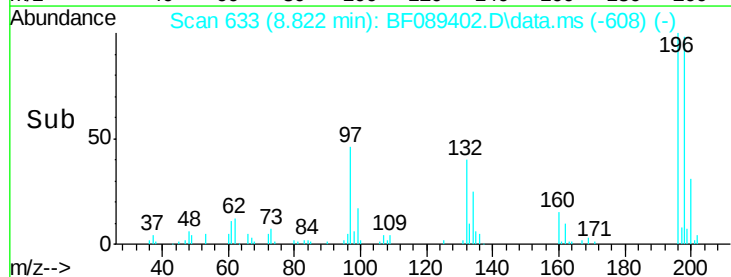
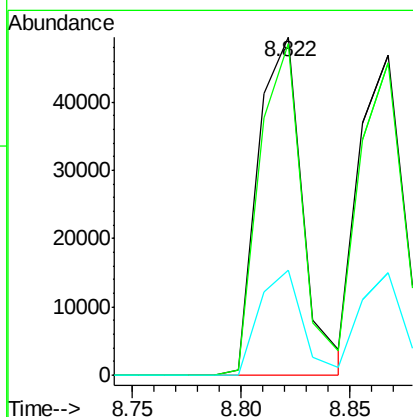
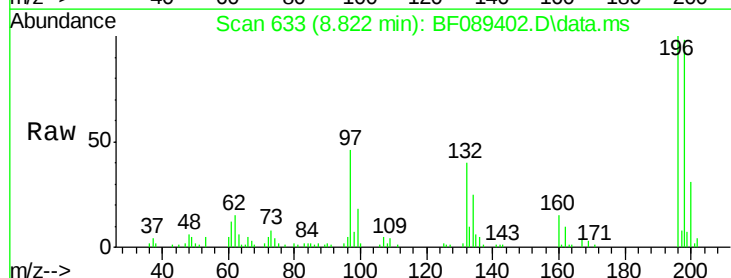
Instrument :
 BNA_F
 ClientSampleId :
 I-2MSD

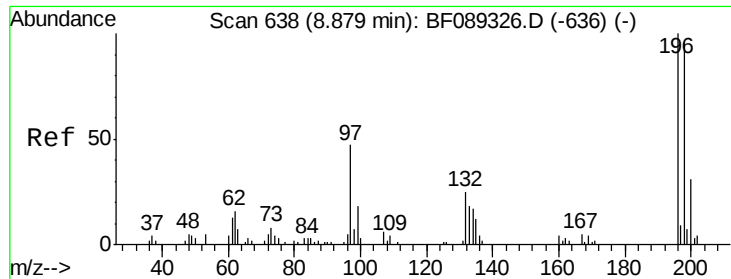
Tot Ion:330 Resp: 78332
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.8 115.2
 141 47.0 37.3 55.9



#42
 2,4,6-Trichlorophenol
 Concen: 53.58 ng
 RT: 8.822 min Scan# 633
 Delta R.T. -0.011 min
 Lab File: BF089402.D
 Acq: 29 Jul 2016 10:19

Tgt Ion:196 Resp: 70978
 Ion Ratio Lower Upper
 196 100
 198 98.1 75.5 113.3
 200 31.2 23.9 35.9

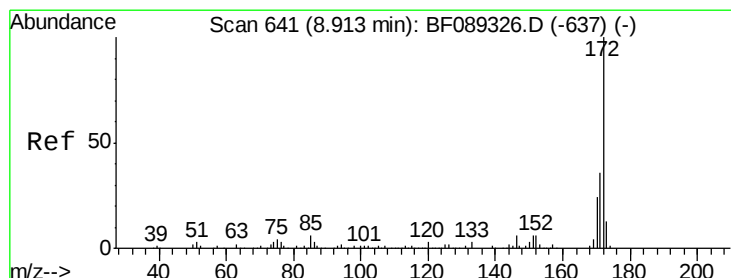
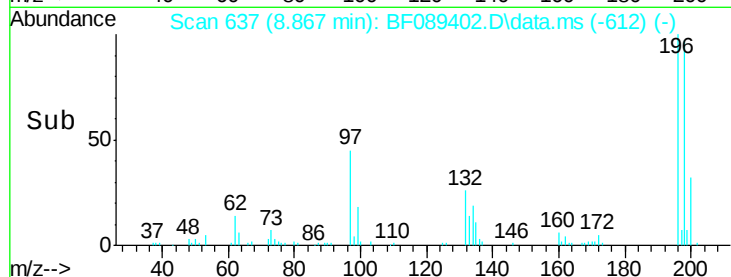
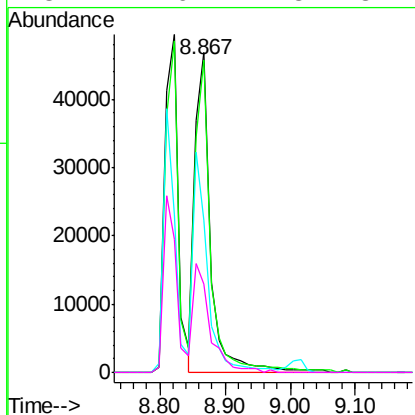
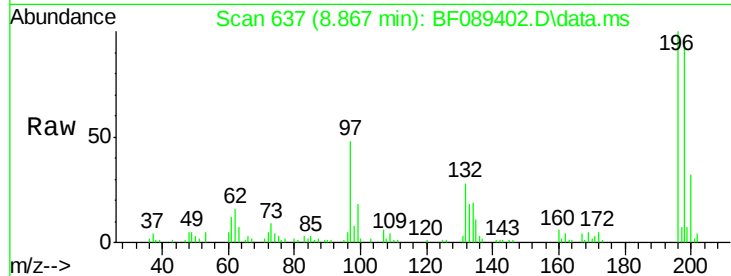




#43
2,4,5-Trichlorophenol
Concen: 46.98 ng
RT: 8.867 min Scan# 63
Delta R.T. -0.011 min
Lab File: BF089402.D
Acq: 29 Jul 2016 10:19

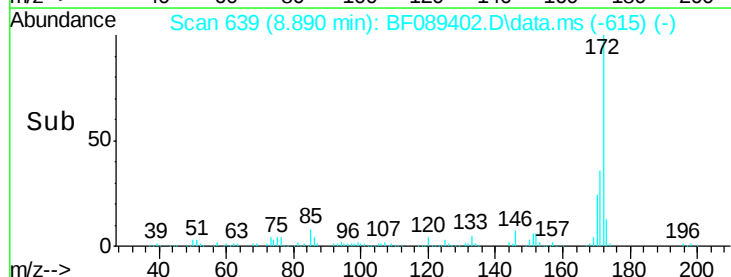
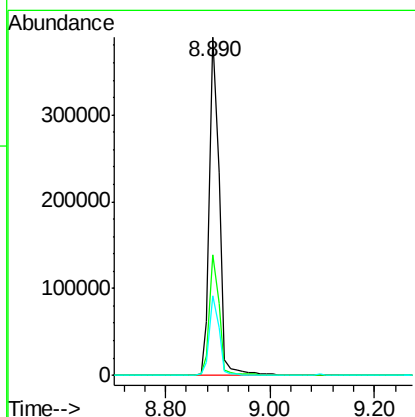
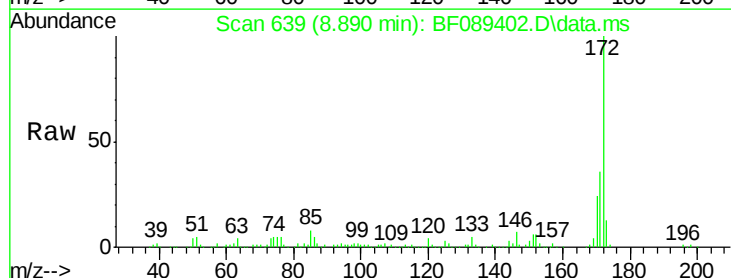
Instrument :
BNA_F
ClientSampleId :
I-2MSD

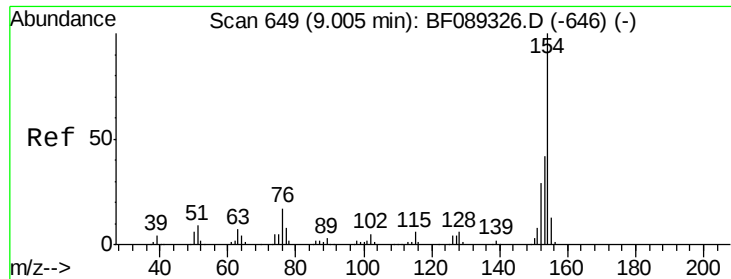
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.5	78.7	118.1
97	47.6	39.7	59.5
132	27.6	22.8	34.2



#44
2-Fluorobiphenyl
Concen: 93.41 ng
RT: 8.890 min Scan# 639
Delta R.T. -0.023 min
Lab File: BF089402.D
Acq: 29 Jul 2016 10:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.2	43.8
170	23.7	19.2	28.8

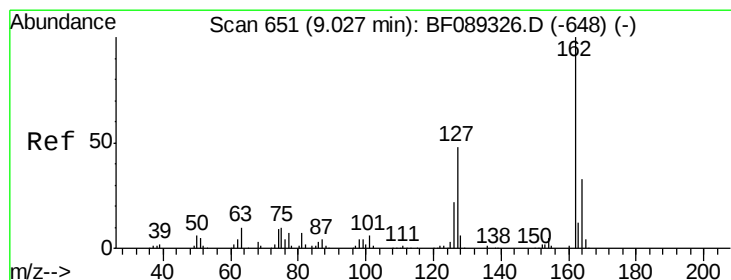
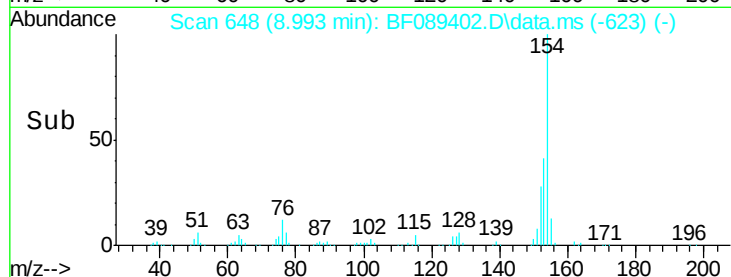
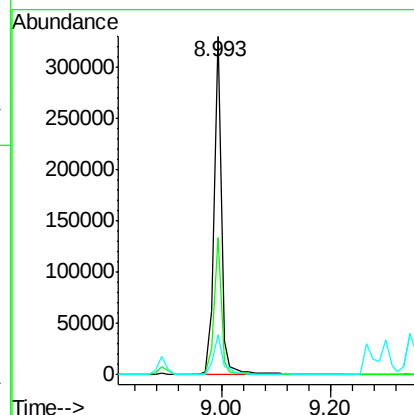
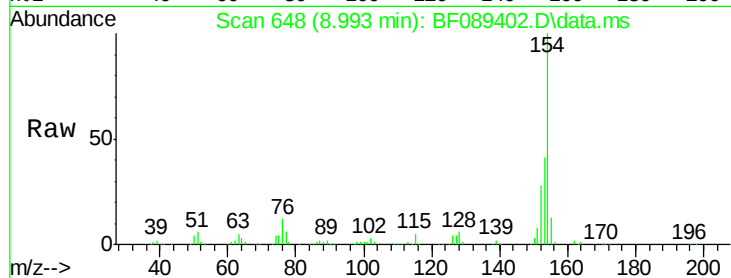




#45
 1,1'-Biphenyl
 Concen: 46.19 ng
 RT: 8.993 min Scan# 64
 Delta R.T. -0.011 min
 Lab File: BF089402.D
 Acq: 29 Jul 2016 10:19

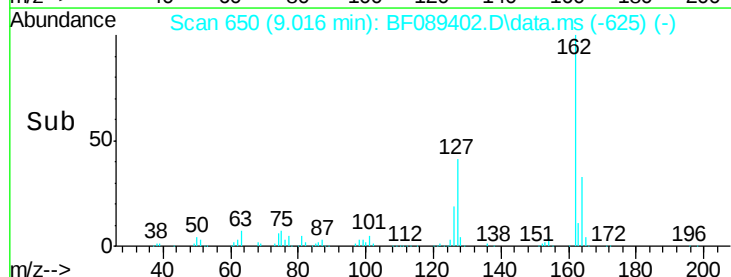
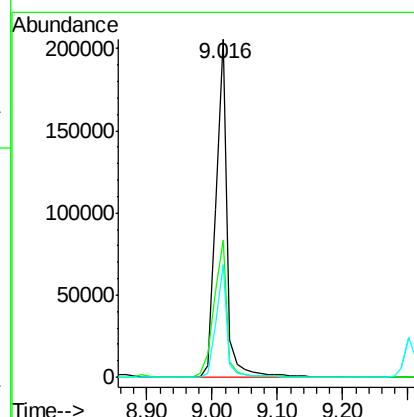
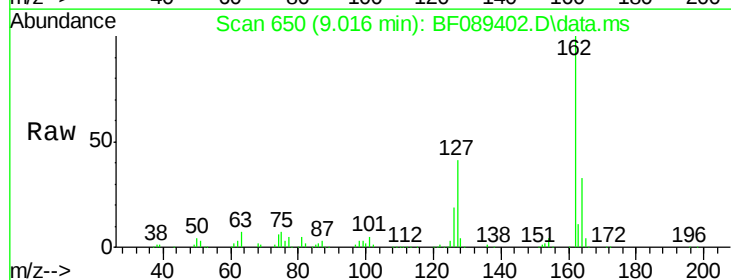
Instrument :
 BNA_F
 ClientSampleId :
 I-2MSD

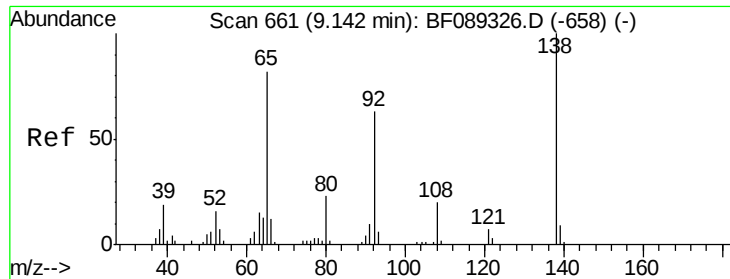
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.0	61.0
76	11.8	0.0	36.6



#46
 2-Chloronaphthalene
 Concen: 48.89 ng
 RT: 9.016 min Scan# 650
 Delta R.T. -0.011 min
 Lab File: BF089402.D
 Acq: 29 Jul 2016 10:19

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.7	37.8	56.8
164	33.3	25.8	38.8

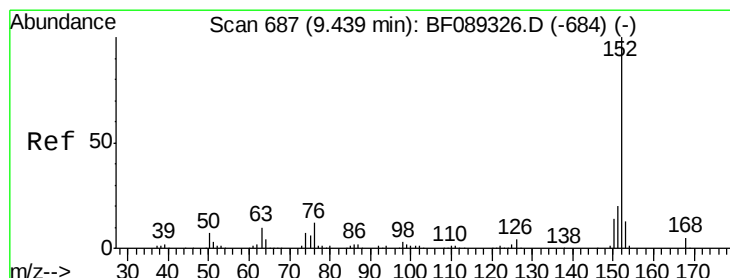
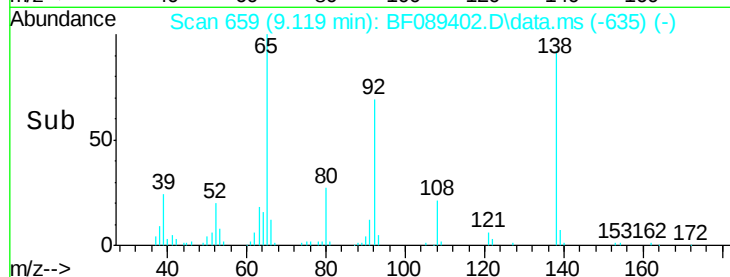
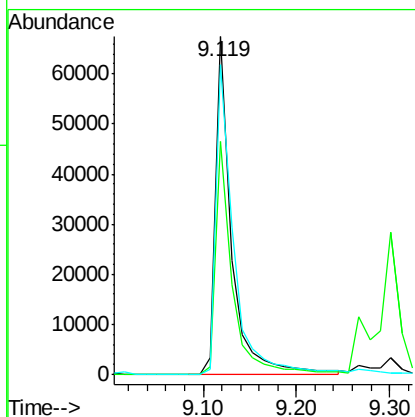
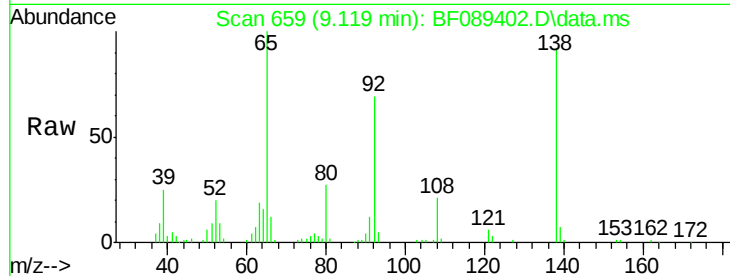




#47
2-Nitroaniline
Concen: 53.34 ng
RT: 9.119 min Scan# 65
Delta R.T. -0.023 min
Lab File: BF089402.D
Acq: 29 Jul 2016 10:19

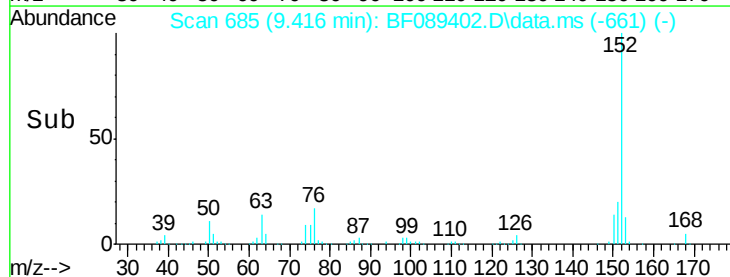
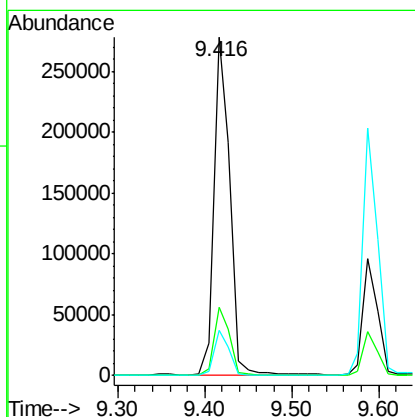
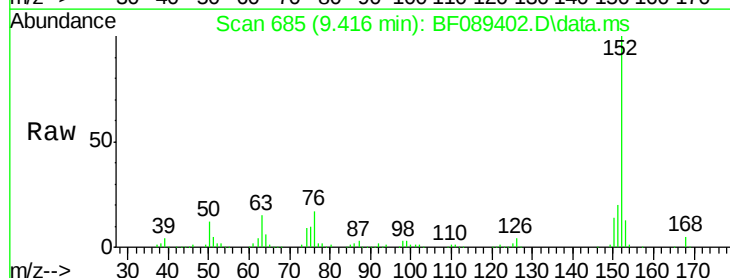
Instrument :
BNA_F
ClientSampleId :
I-2MSD

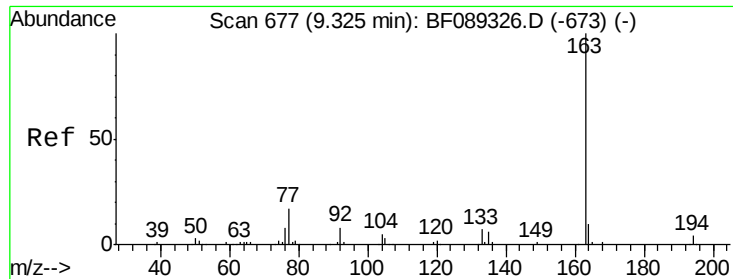
Tot Ion: 65 Resp: 80420
Ion Ratio Lower Upper
65 100
92 69.1 61.0 91.4
138 91.6 99.1 148.7#



#48
Acenaphthylene
Concen: 44.95 ng
RT: 9.416 min Scan# 685
Delta R.T. -0.023 min
Lab File: BF089402.D
Acq: 29 Jul 2016 10:19

Tgt Ion: 152 Resp: 360441
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.4 10.2 15.4





#49

Dimethylphthalate

Concen: 47.47 ng

RT: 9.302 min Scan# 67

Delta R.T. -0.023 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

Instrument :

BNA_F

ClientSampleId :

I-2MSD

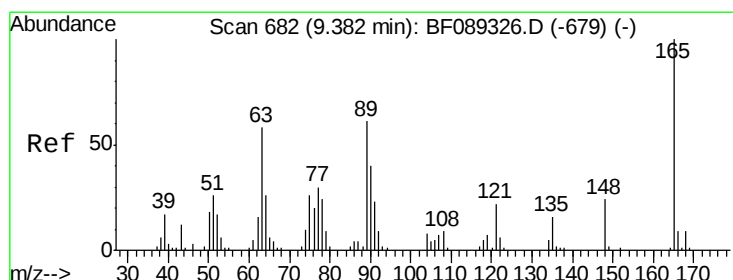
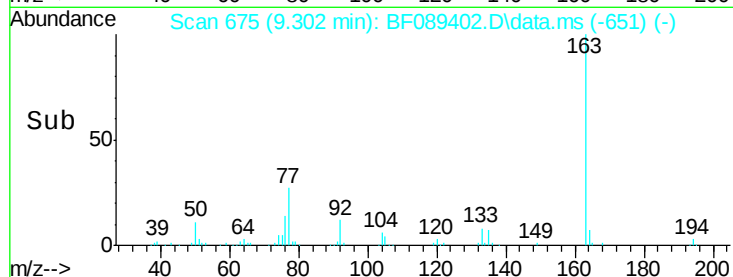
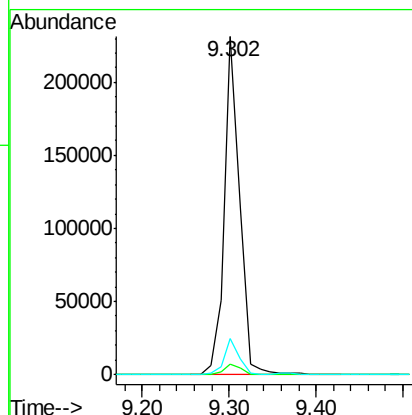
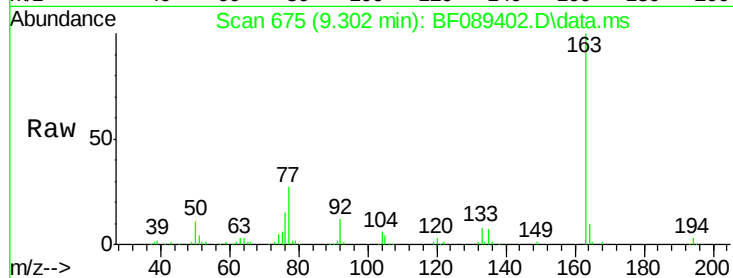
Tot Ion:163 Resp: 287659

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

164 10.5 7.8 11.8



#50

2,6-Dinitrotoluene

Concen: 47.54 ng

RT: 9.370 min Scan# 681

Delta R.T. -0.011 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

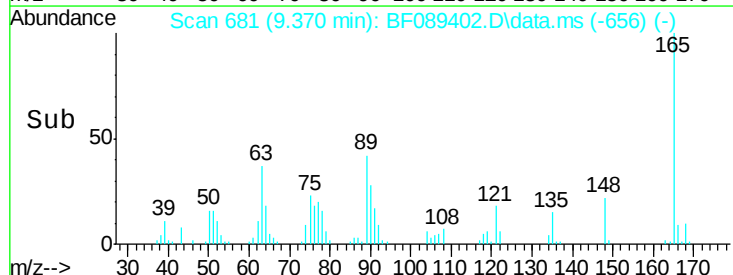
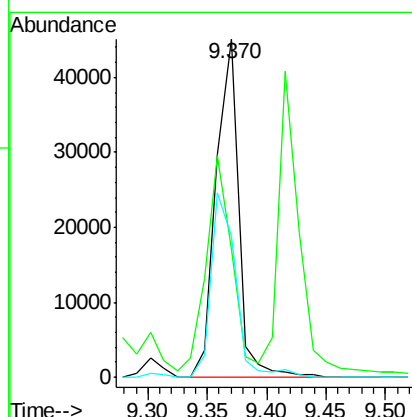
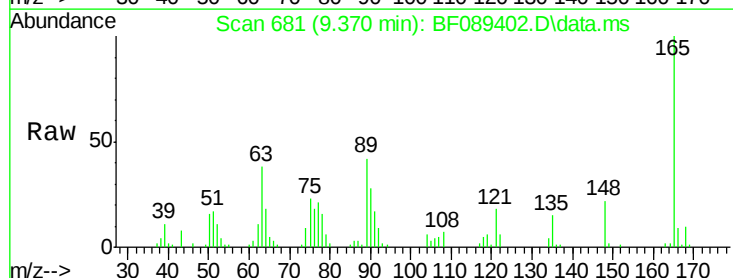
Tgt Ion:165 Resp: 59189

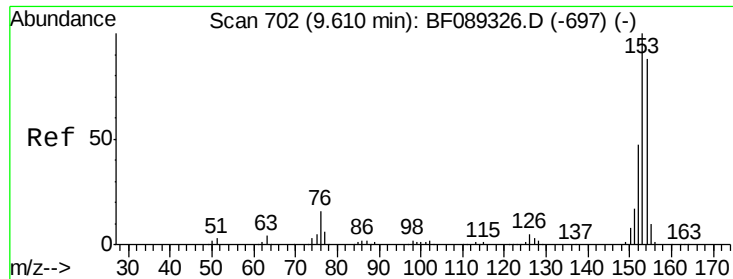
Ion Ratio Lower Upper

165 100

63 38.0 43.5 65.3#

89 41.7 45.0 67.4#





#51

Acenaphthene

Concen: 44.42 ng

RT: 9.587 min Scan# 70

Delta R.T. -0.023 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

Instrument :

BNA_F

ClientSampleId :

I-2MSD

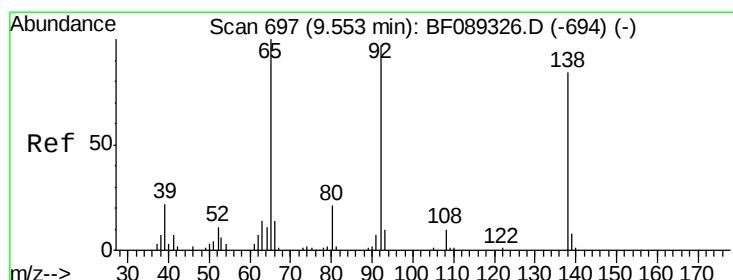
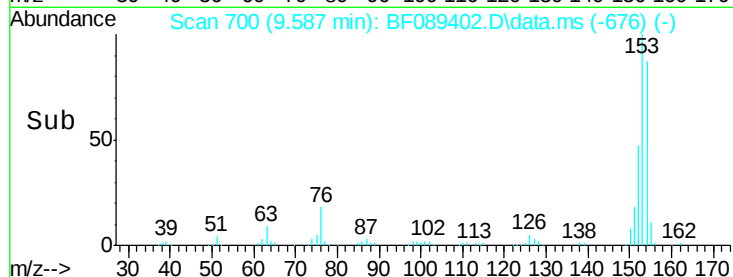
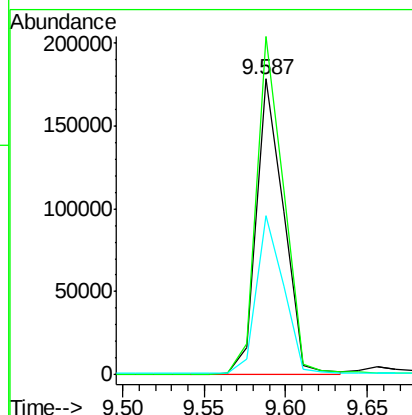
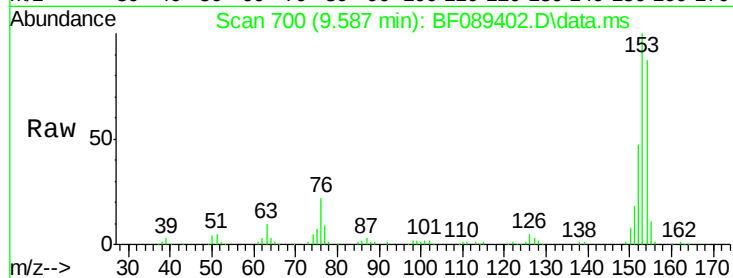
Tot Ion:154 Resp: 208002

Ion Ratio Lower Upper

154 100

153 114.4 91.4 137.2

152 53.8 43.8 65.6



#52

3-Nitroaniline

Concen: 25.03 ng

RT: 9.530 min Scan# 695

Delta R.T. -0.023 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

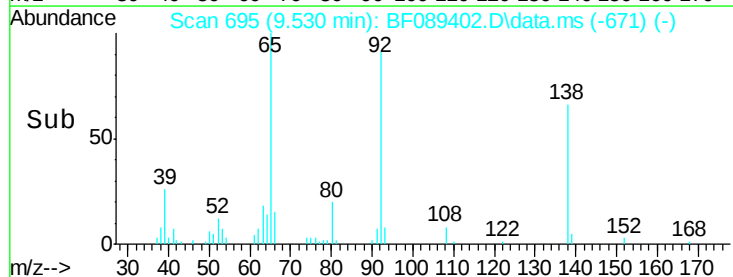
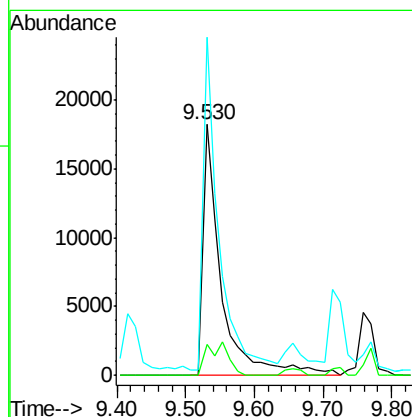
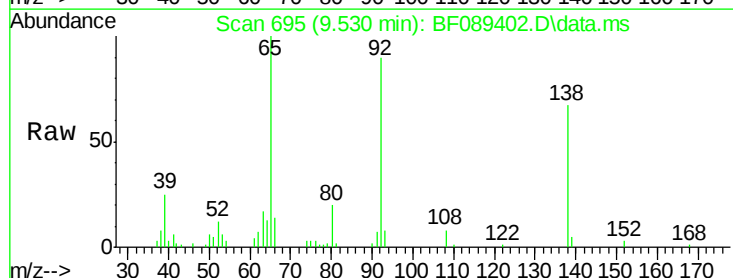
Tgt Ion:138 Resp: 32882

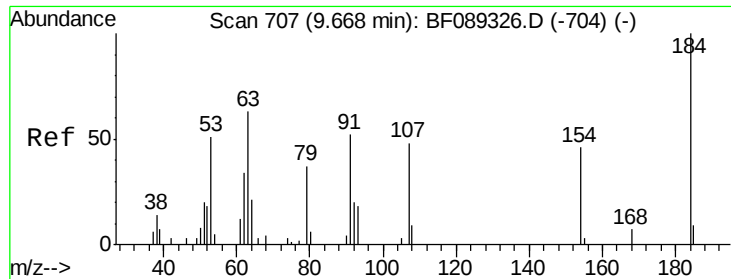
Ion Ratio Lower Upper

138 100

108 12.2 8.6 13.0

92 134.8 90.0 135.0

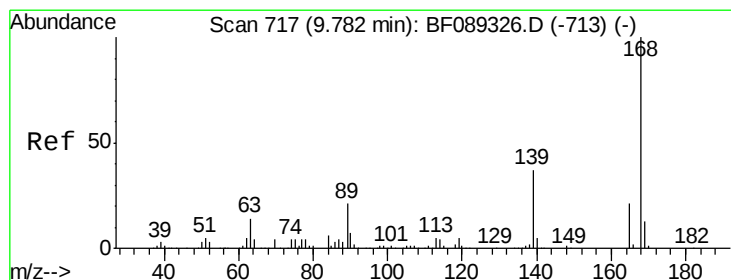
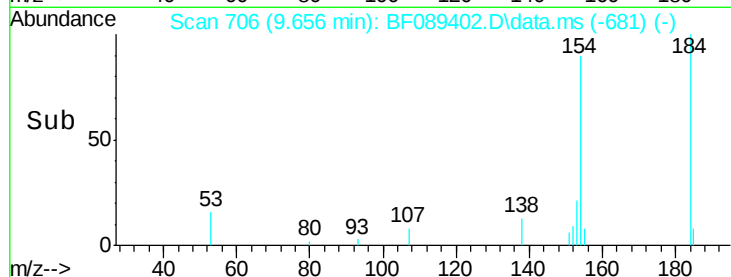
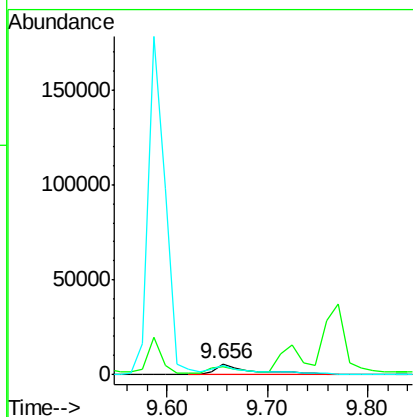
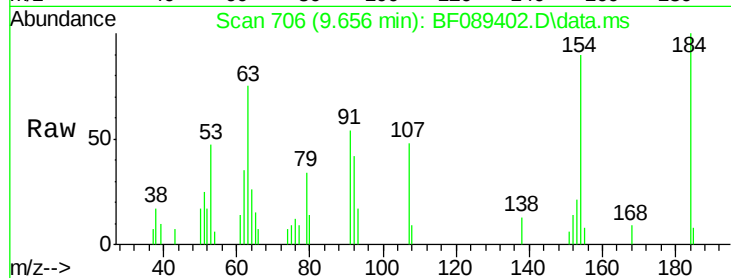




#53
 2,4-Dinitrophenol
 Concen: 35.56 ng
 RT: 9.656 min Scan# 70
 Delta R.T. -0.011 min
 Lab File: BF089402.D
 Acq: 29 Jul 2016 10:19

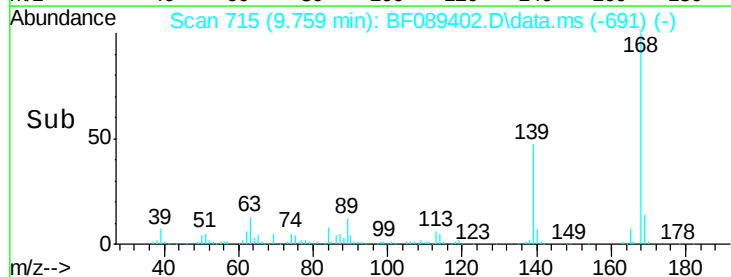
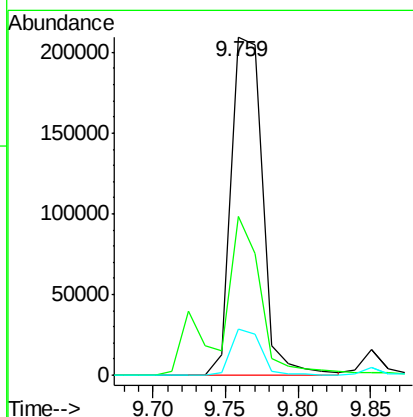
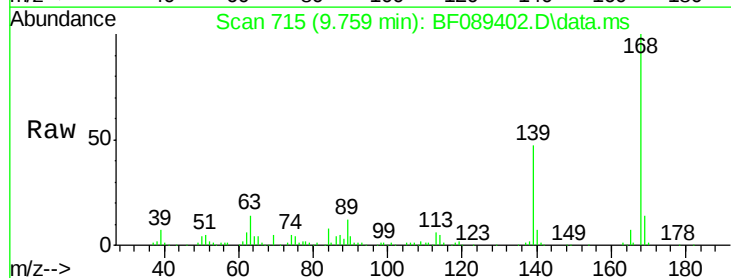
Instrument :
 BNA_F
 ClientSampleId :
 I-2MSD

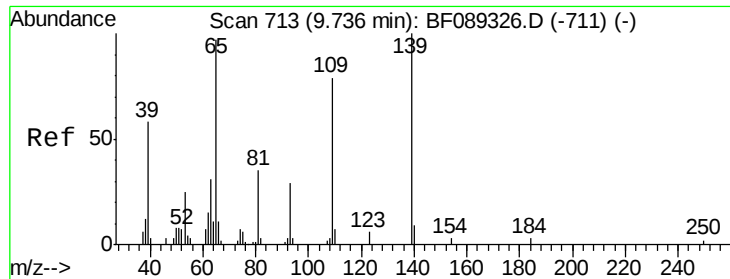
Tot Ion:184 Resp: 13815
 Ion Ratio Lower Upper
 184 100
 63 74.5 60.6 90.8
 154 90.4 69.8 104.8



#54
 Dibenzofuran
 Concen: 49.52 ng
 RT: 9.759 min Scan# 715
 Delta R.T. -0.023 min
 Lab File: BF089402.D
 Acq: 29 Jul 2016 10:19

Tgt Ion:168 Resp: 315973
 Ion Ratio Lower Upper
 168 100
 139 47.1 33.7 50.5
 169 13.8 10.7 16.1

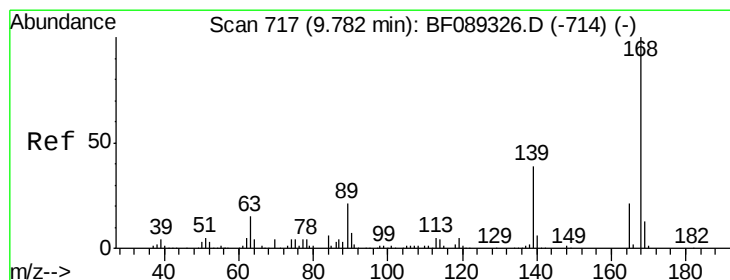
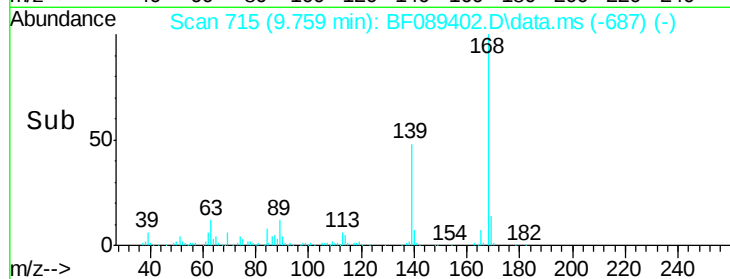
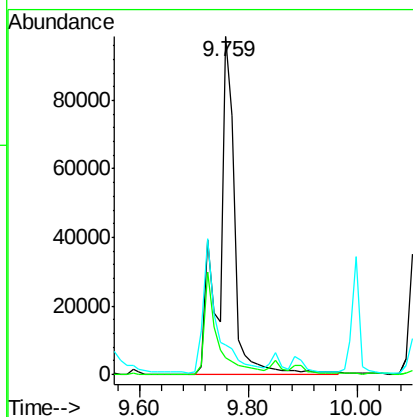
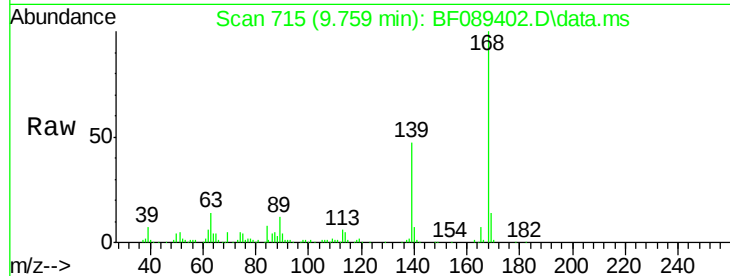




#55
4-Nitrophenol
Concen: 289.10 ng
RT: 9.759 min Scan# 71
Delta R.T. 0.023 min
Lab File: BF089402.D
Acq: 29 Jul 2016 10:19

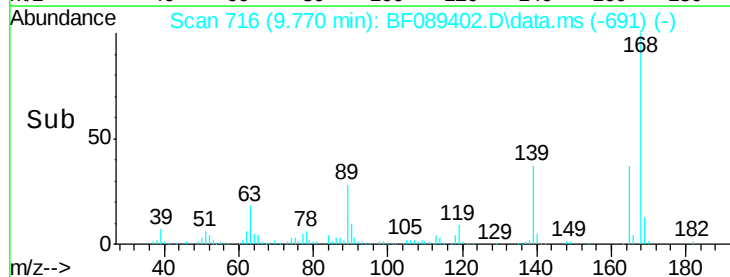
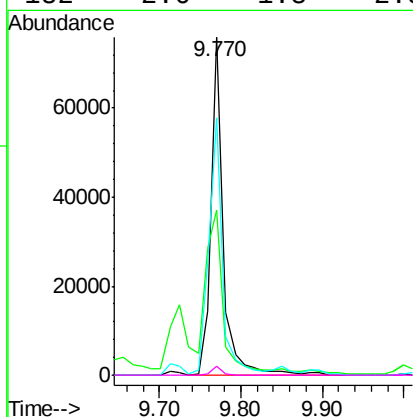
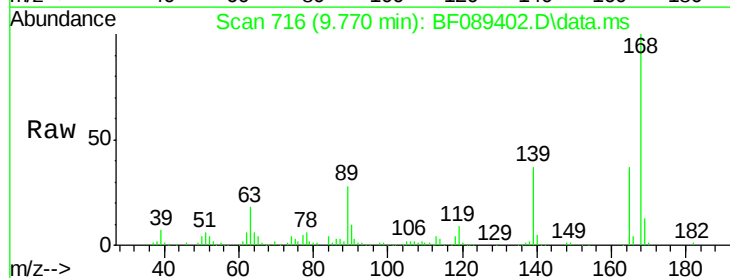
Instrument :
BNA_F
ClientSampleId :
I-2MSD

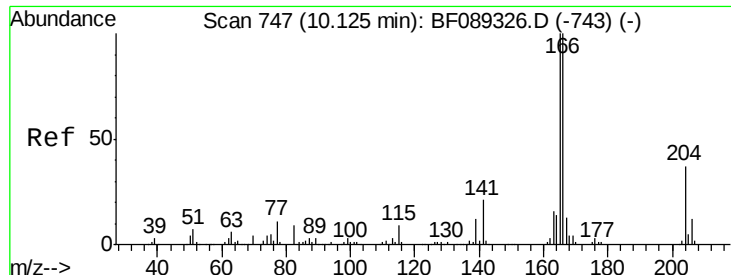
Tot Ion:139 Resp: 196216
Ion Ratio Lower Upper
139 100
109 4.9 57.8 97.8#
65 8.9 81.7 121.7#



#56
2,4-Dinitrotoluene
Concen: 49.44 ng
RT: 9.770 min Scan# 716
Delta R.T. -0.011 min
Lab File: BF089402.D
Acq: 29 Jul 2016 10:19

Tgt Ion:165 Resp: 81033
Ion Ratio Lower Upper
165 100
63 48.8 58.2 87.2#
89 76.2 79.1 118.7#
182 2.6 1.8 2.8

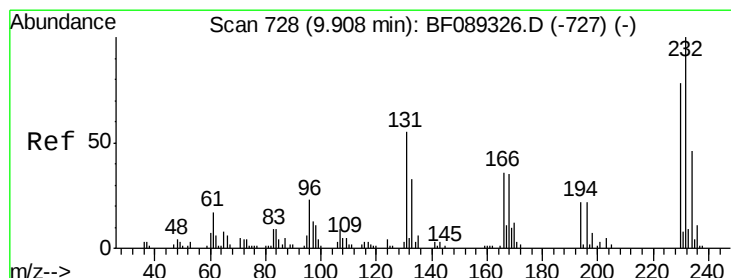
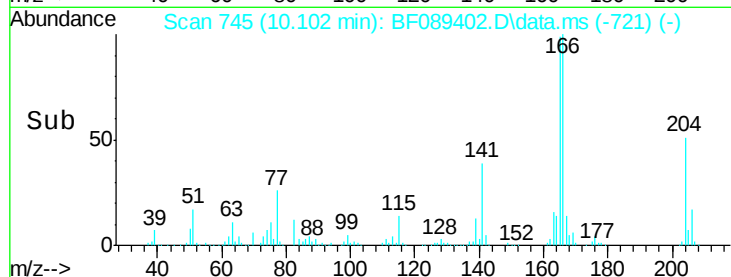
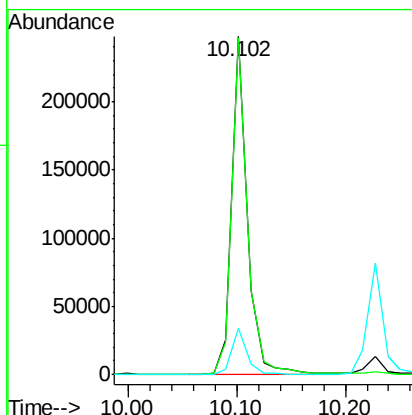
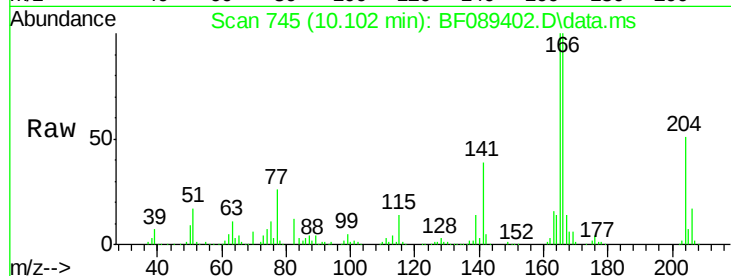




#57
 Fluorene
 Concen: 44.08 ng
 RT: 10.102 min Scan# 747
 Delta R.T. -0.023 min
 Lab File: BF089402.D
 Acq: 29 Jul 2016 10:19

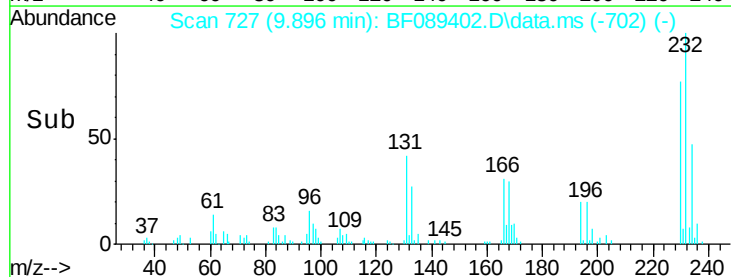
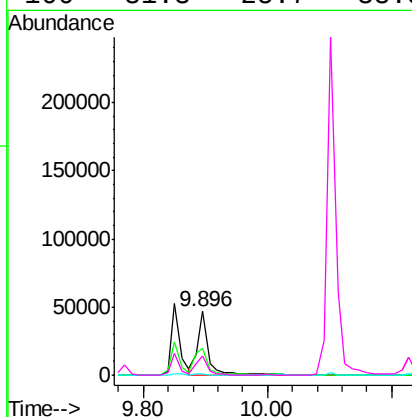
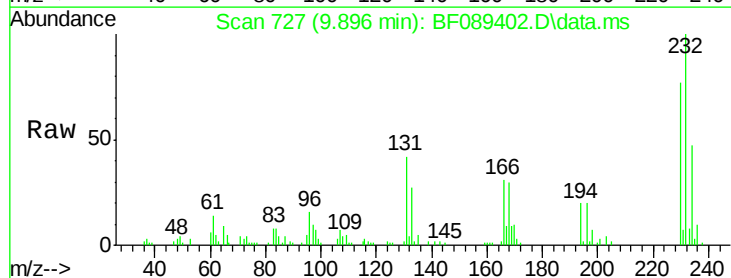
Instrument :
 BNA_F
 ClientSampleId :
 I-2MSD

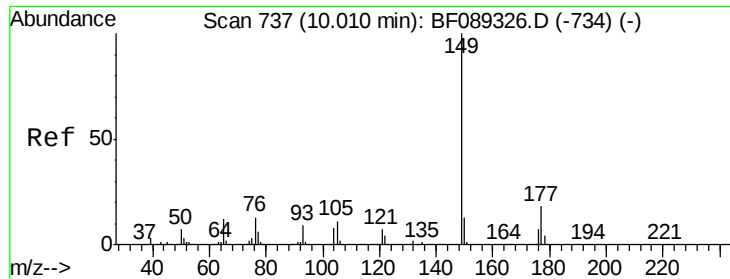
Tot Ion:166 Resp: 245552
 Ion Ratio Lower Upper
 166 100
 165 99.7 79.0 118.4
 167 13.6 10.2 15.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.46 ng
 RT: 9.896 min Scan# 727
 Delta R.T. -0.011 min
 Lab File: BF089402.D
 Acq: 29 Jul 2016 10:19

Tgt Ion:232 Resp: 58777
 Ion Ratio Lower Upper
 232 100
 131 52.9 42.7 64.1
 130 2.2 1.7 2.5
 166 31.3 25.7 38.5

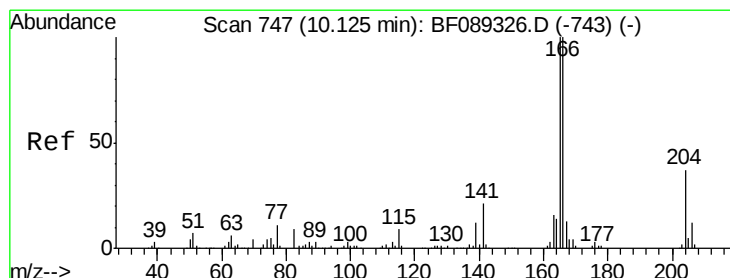
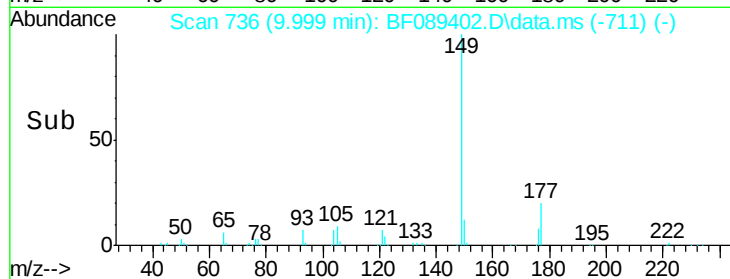
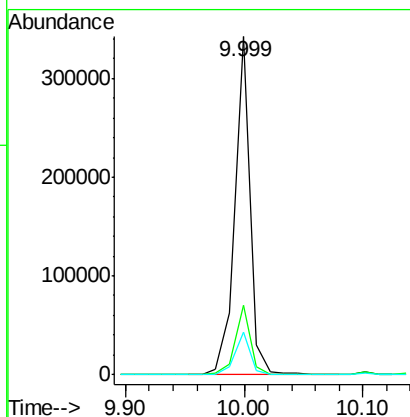
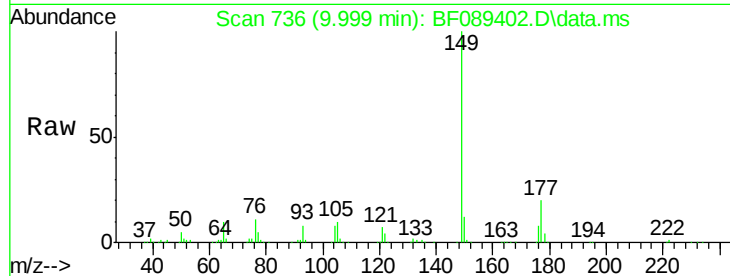




#59
Diethylphthalate
Concen: 49.97 ng
RT: 9.999 min Scan# 737
Delta R.T. -0.011 min
Lab File: BF089402.D
Acq: 29 Jul 2016 10:19

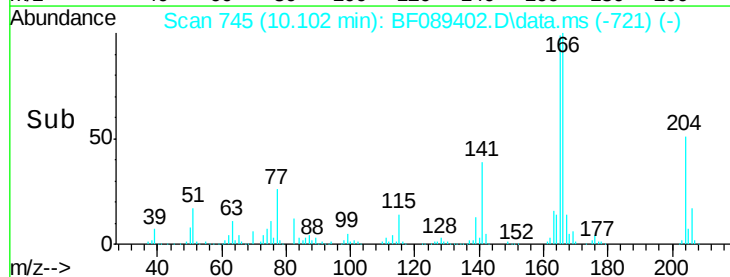
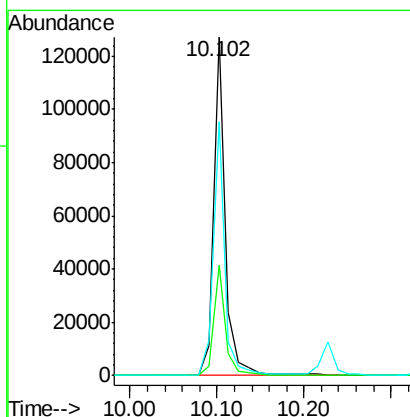
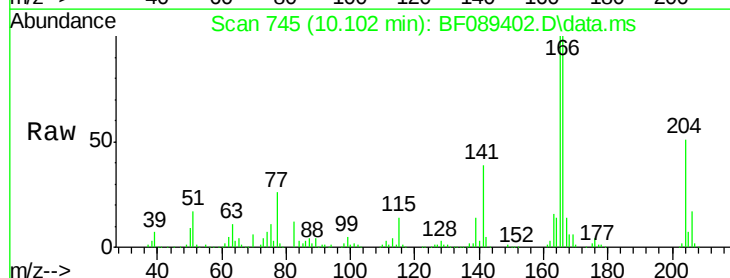
Instrument :
BNA_F
ClientSampleId :
I-2MSD

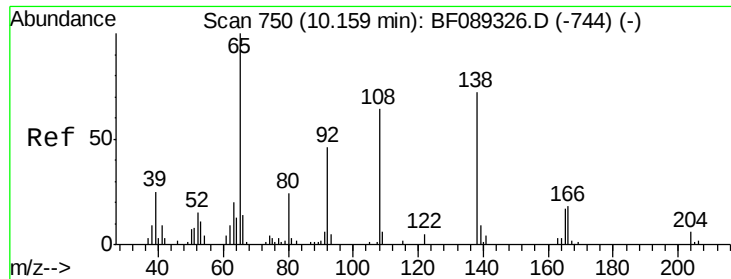
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.4	15.1	22.7
150	12.4	10.2	15.4



#60
4-Chlorophenyl-phenylether
Concen: 46.55 ng
RT: 10.102 min Scan# 745
Delta R.T. -0.023 min
Lab File: BF089402.D
Acq: 29 Jul 2016 10:19

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.6	39.8
141	75.1	46.6	70.0#

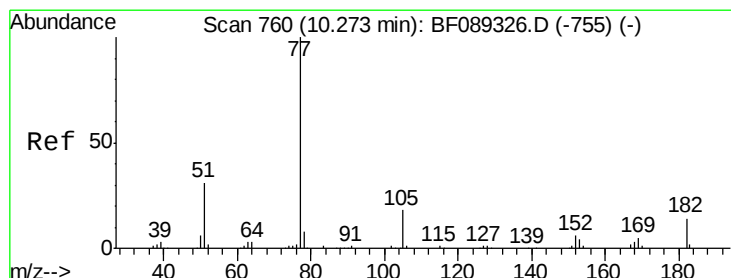
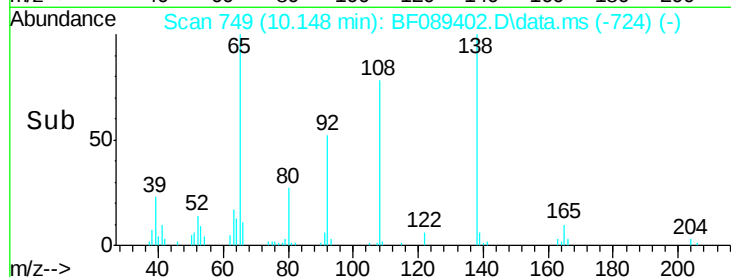
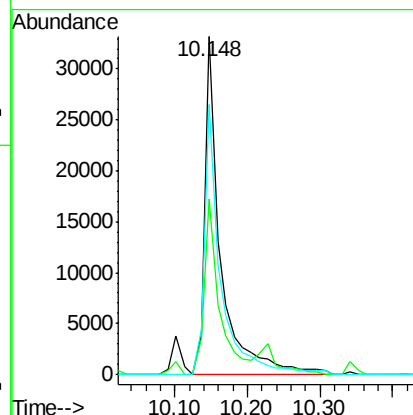
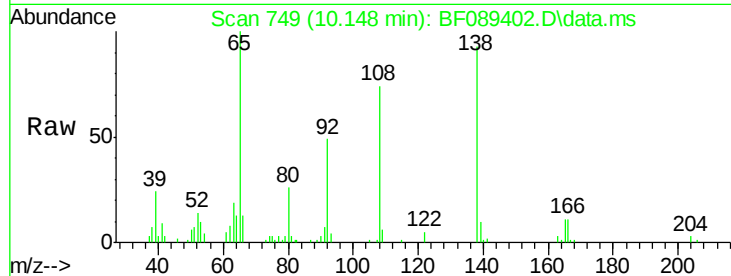




#61
4-Nitroaniline
Concen: 36.94 ng
RT: 10.148 min Scan# 741
Delta R.T. -0.011 min
Lab File: BF089402.D
Acq: 29 Jul 2016 10:19

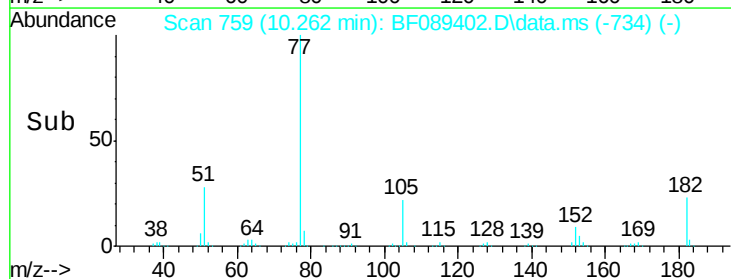
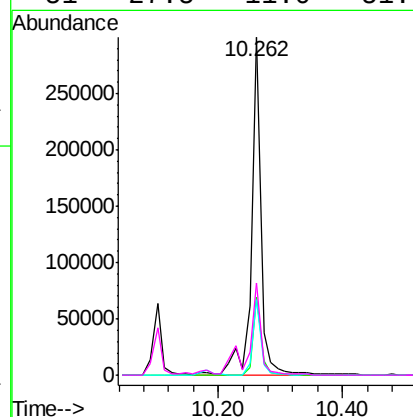
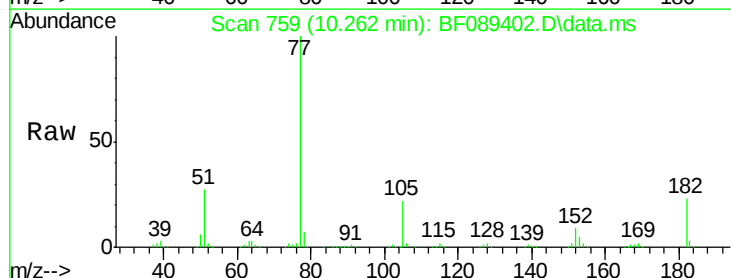
Instrument :
BNA_F
ClientSampleId :
I-2MSD

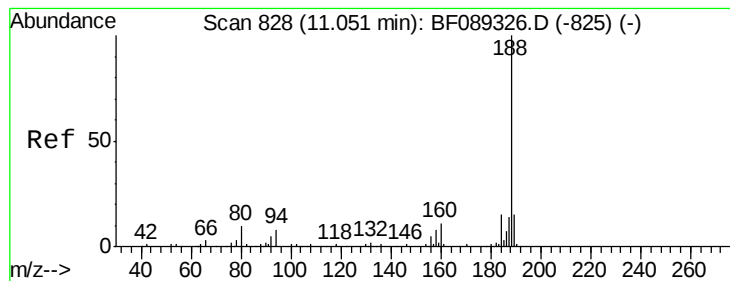
Tot Ion:138 Resp: 50036
Ion Ratio Lower Upper
138 100
92 52.0 41.2 81.2
108 79.8 69.6 109.6



#62
Azobenzene
Concen: 51.03 ng
RT: 10.262 min Scan# 759
Delta R.T. -0.011 min
Lab File: BF089402.D
Acq: 29 Jul 2016 10:19

Tgt Ion: 77 Resp: 322862
Ion Ratio Lower Upper
77 100
182 23.3 0.0 33.8
105 22.4 0.0 39.8
51 27.5 11.0 51.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.028 min Scan# 82

Delta R.T. -0.023 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

Instrument :

BNA_F

ClientSampleId :

I-2MSD

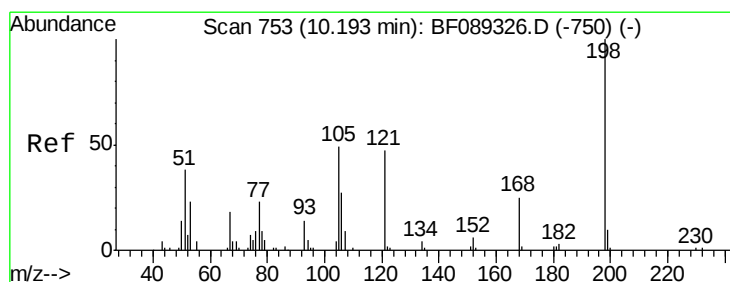
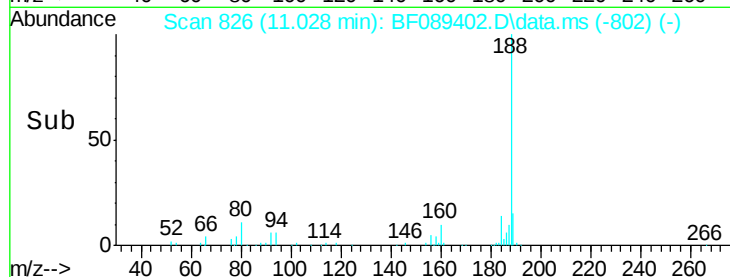
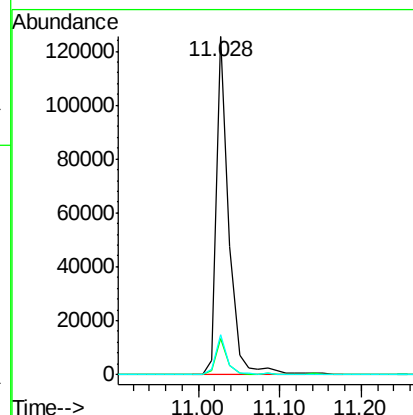
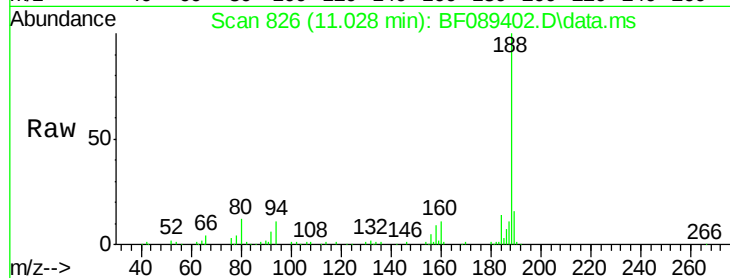
Tot Ion:188 Resp: 134485

Ion Ratio Lower Upper

188 100

94 10.5 6.5 9.7#

80 11.8 7.2 10.8#



#64

4,6-Dinitro-2-methylphenol

Concen: 18.28 ng

RT: 10.182 min Scan# 752

Delta R.T. -0.011 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

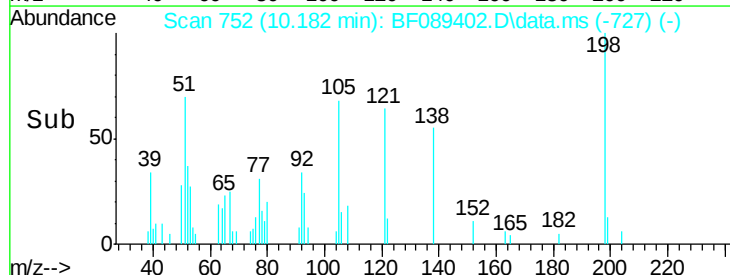
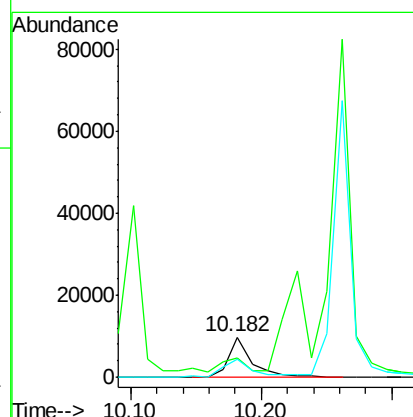
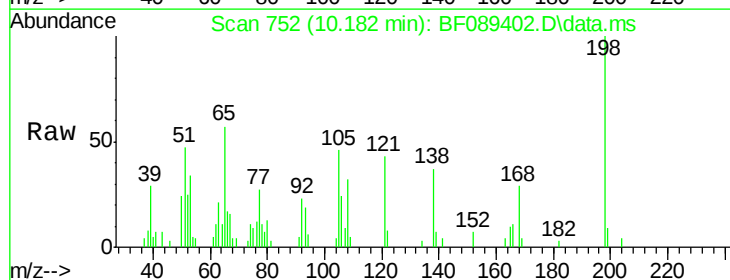
Tgt Ion:198 Resp: 12444

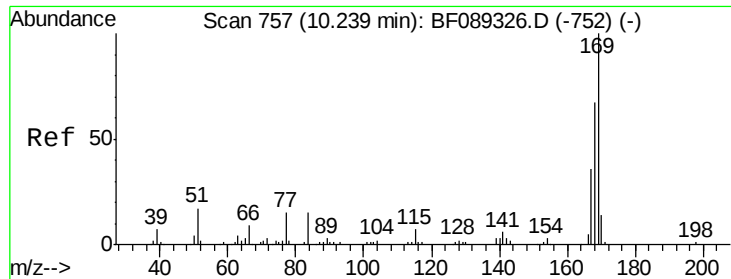
Ion Ratio Lower Upper

198 100

51 47.0 23.0 63.0

105 45.6 28.3 68.3

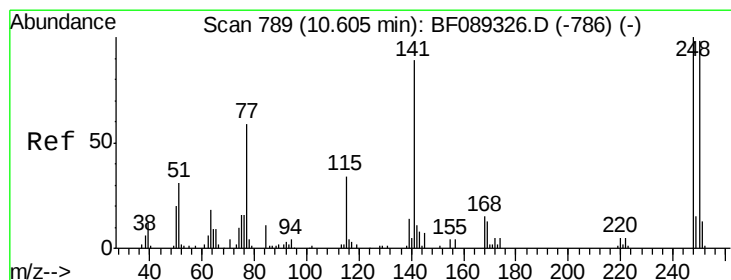
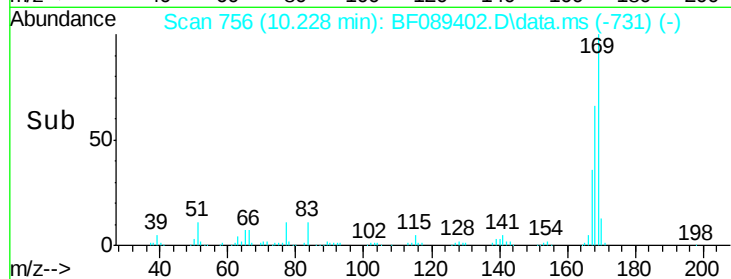
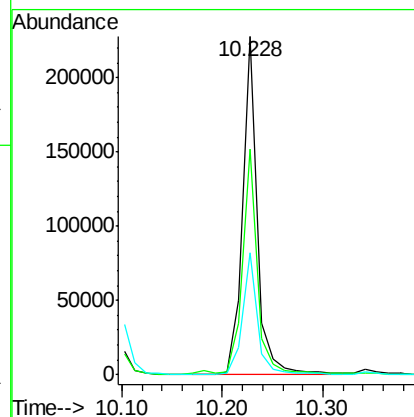
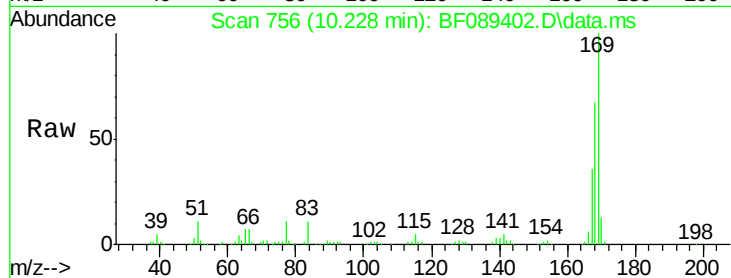




#65
n-Nitrosodiphenylamine
Concen: 55.26 ng
RT: 10.228 min Scan# 75
Delta R.T. -0.011 min
Lab File: BF089402.D
Acq: 29 Jul 2016 10:19

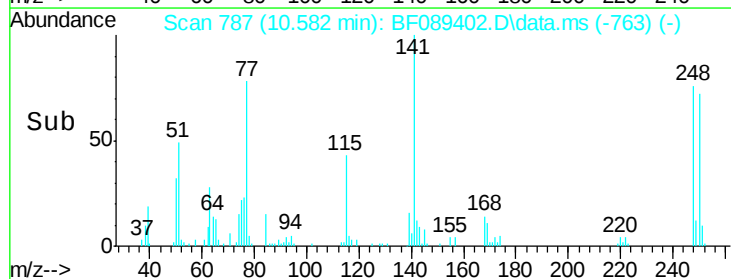
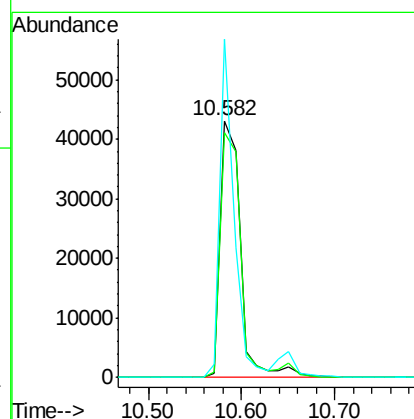
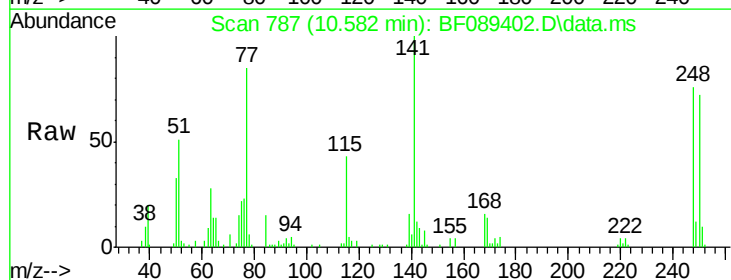
Instrument :
BNA_F
ClientSampleId :
I-2MSD

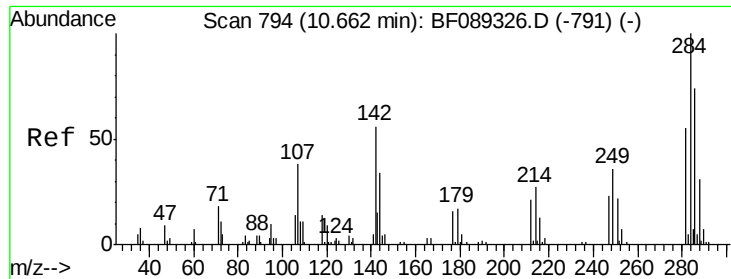
Tot Ion	Ratio	Lower	Upper
169	100		
168	66.7	55.4	83.0
167	35.9	29.7	44.5



#66
4-Bromophenyl-phenylether
Concen: 49.97 ng
RT: 10.582 min Scan# 787
Delta R.T. -0.023 min
Lab File: BF089402.D
Acq: 29 Jul 2016 10:19

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.4	78.2	117.2
141	131.8	62.0	93.0#

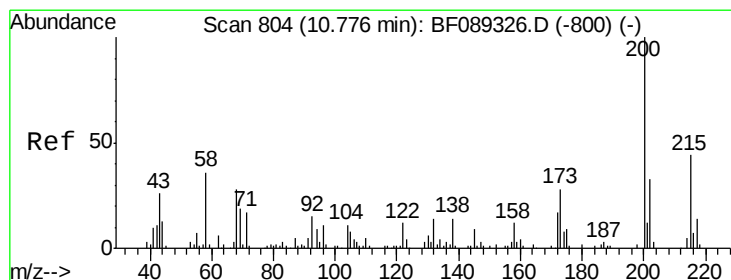
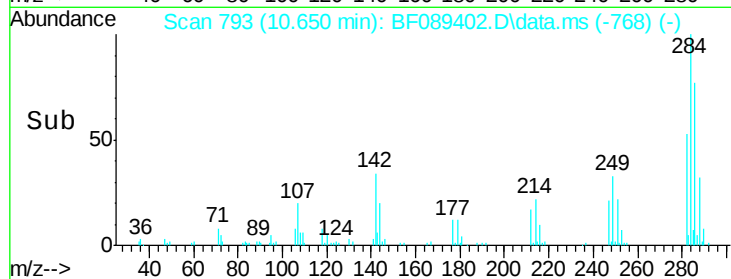
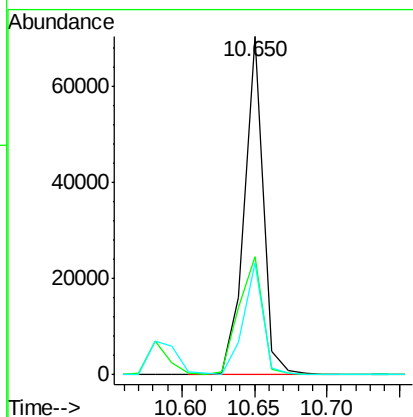
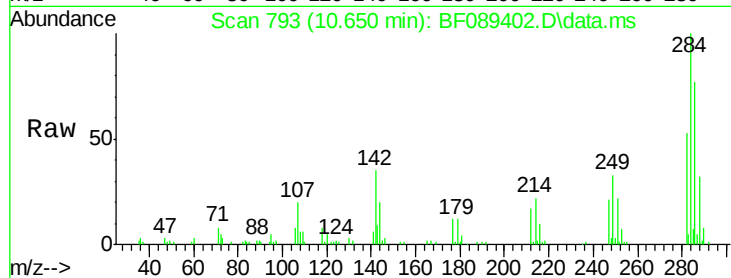




#67
Hexachlorobenzene
Concen: 48.35 ng
RT: 10.650 min Scan# 791
Delta R.T. -0.011 min
Lab File: BF089402.D
Acq: 29 Jul 2016 10:19

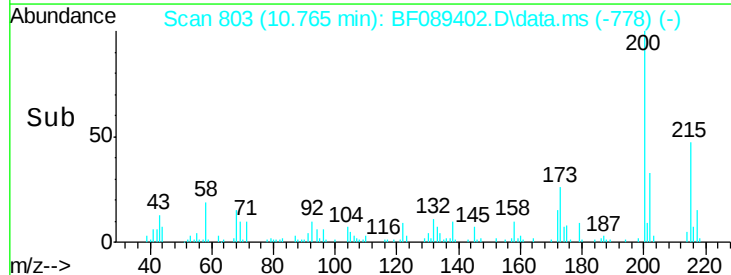
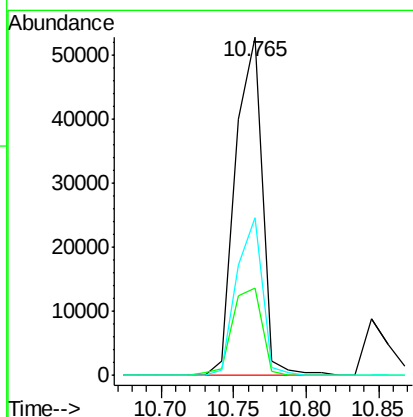
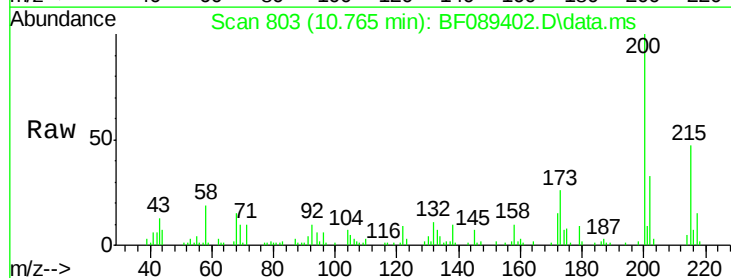
Instrument :
BNA_F
ClientSampleId :
I-2MSD

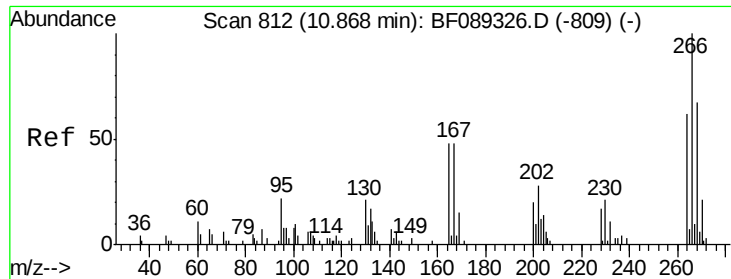
Tot Ion:284 Resp: 63619
Ion Ratio Lower Upper
284 100
142 34.9 42.2 63.4#
249 33.0 29.4 44.0



#68
Atrazine
Concen: 52.58 ng
RT: 10.765 min Scan# 803
Delta R.T. -0.011 min
Lab File: BF089402.D
Acq: 29 Jul 2016 10:19

Tgt Ion:200 Resp: 67788
Ion Ratio Lower Upper
200 100
173 25.9 6.0 46.0
215 46.6 24.3 64.3

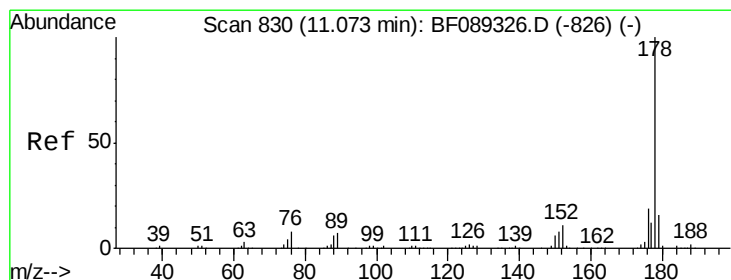
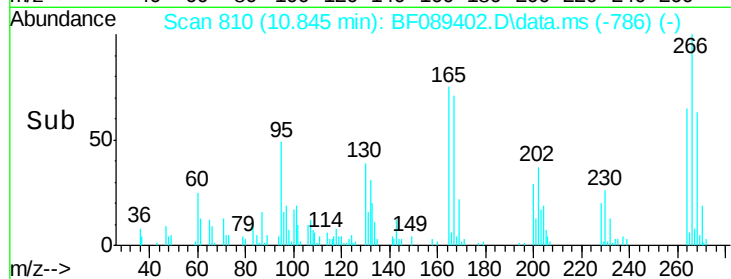
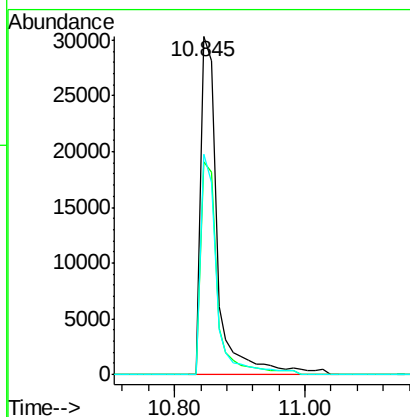
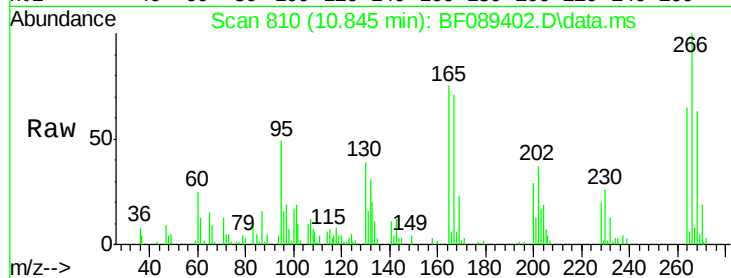




#69
 Pentachlorophenol
 Concen: 83.90 ng
 RT: 10.845 min Scan# 81
 Delta R.T. -0.022 min
 Lab File: BF089402.D
 Acq: 29 Jul 2016 10:19

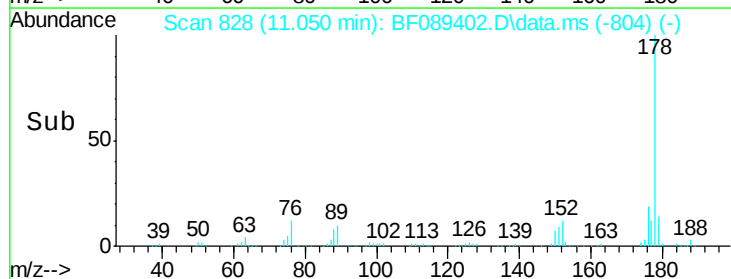
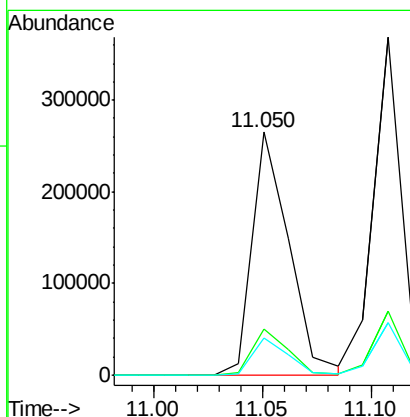
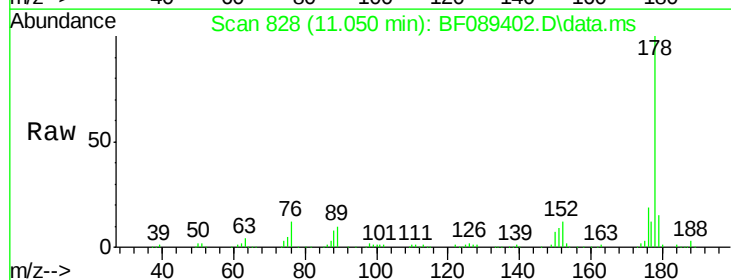
Instrument :
 BNA_F
 ClientSampleId :
 I-2MSD

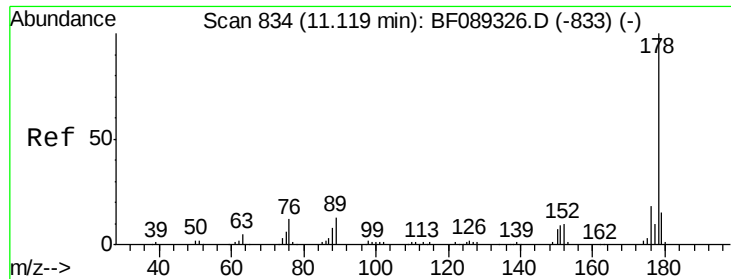
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.9	49.4	74.2
264	65.2	50.2	75.2



#70
 Phenanthrene
 Concen: 45.14 ng
 RT: 11.050 min Scan# 828
 Delta R.T. -0.023 min
 Lab File: BF089402.D
 Acq: 29 Jul 2016 10:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.4	12.3	18.5

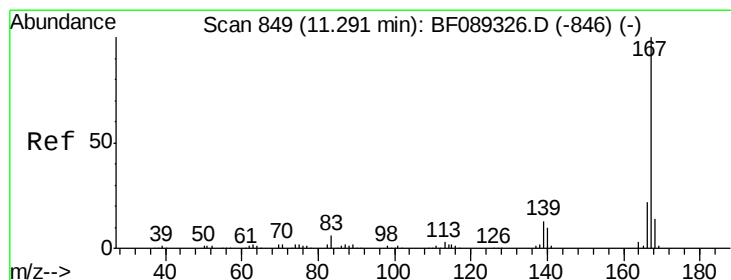
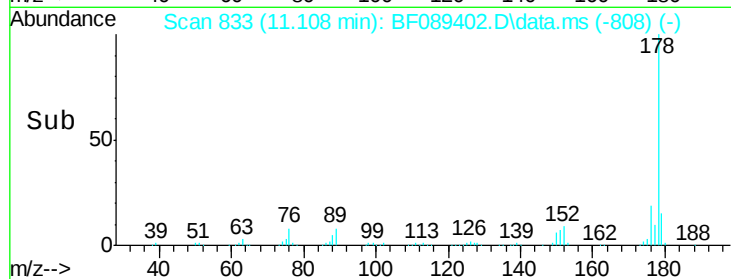
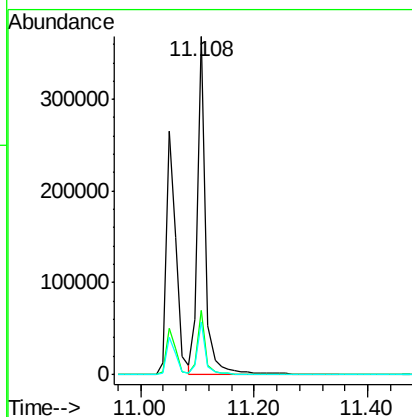
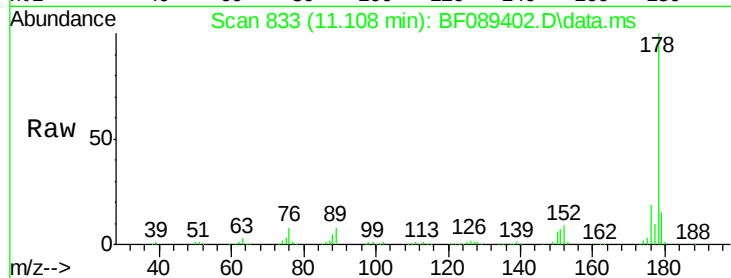




#71
 Anthracene
 Concen: 47.16 ng
 RT: 11.108 min Scan# 83
 Delta R.T. -0.011 min
 Lab File: BF089402.D
 Acq: 29 Jul 2016 10:19

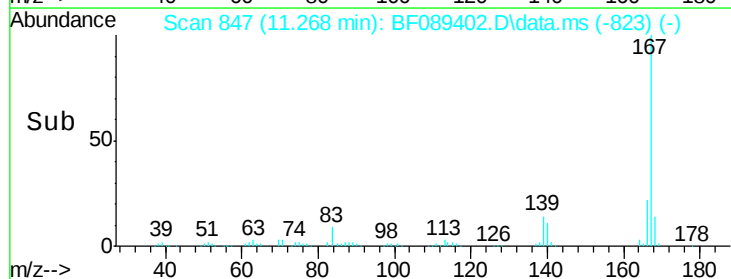
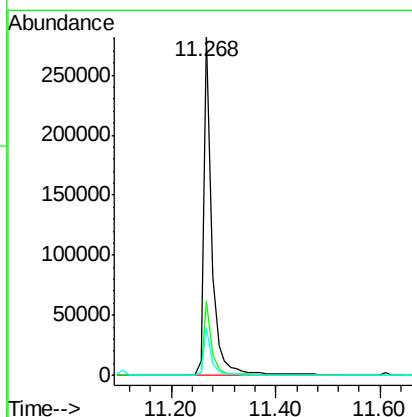
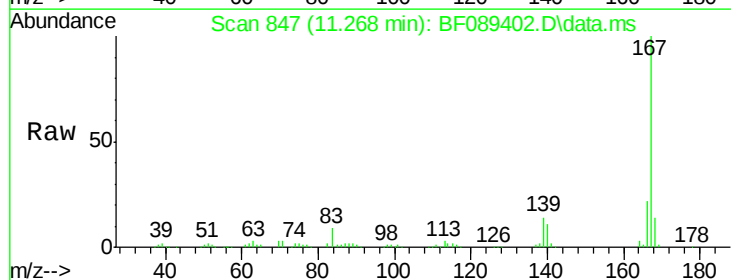
Instrument :
 BNA_F
 ClientSampleId :
 I-2MSD

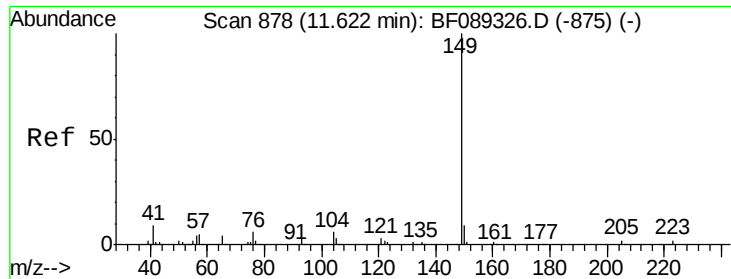
Tot Ion:178 Resp: 363688
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.8 22.2
 179 15.5 12.6 18.8



#72
 Carbazole
 Concen: 47.17 ng
 RT: 11.268 min Scan# 847
 Delta R.T. -0.023 min
 Lab File: BF089402.D
 Acq: 29 Jul 2016 10:19

Tgt Ion:167 Resp: 306231
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.9 10.1 15.1





#73

Di-n-butylphthalate

Concen: 49.73 ng

RT: 11.611 min Scan# 87

Delta R.T. -0.011 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

Instrument :

BNA_F

ClientSampleId :

I-2MSD

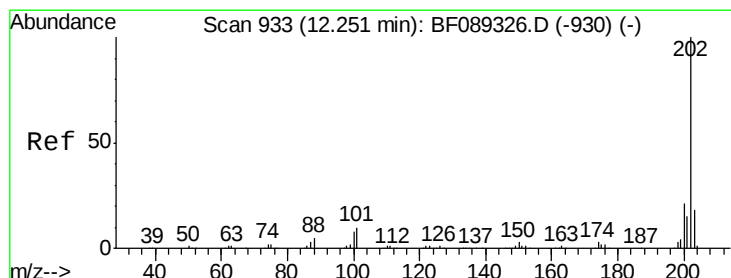
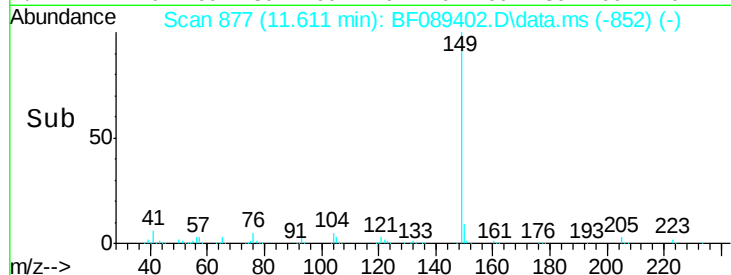
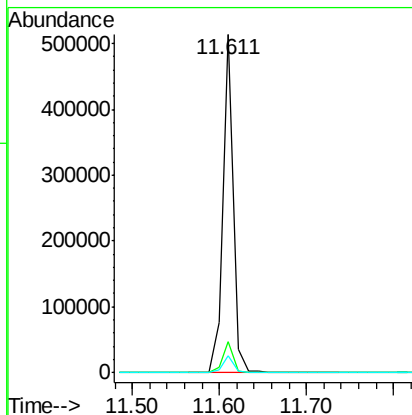
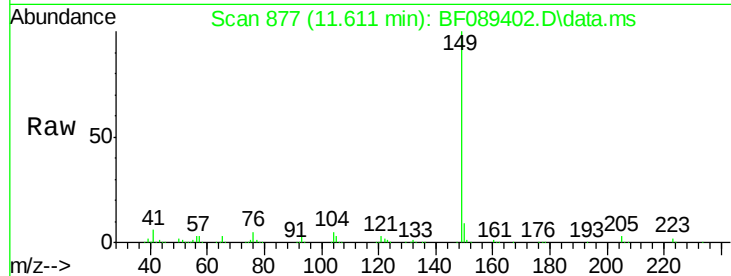
Tot Ion:149 Resp: 433118

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.1 4.7 7.1



#74

Fluoranthene

Concen: 40.62 ng

RT: 12.228 min Scan# 931

Delta R.T. -0.023 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

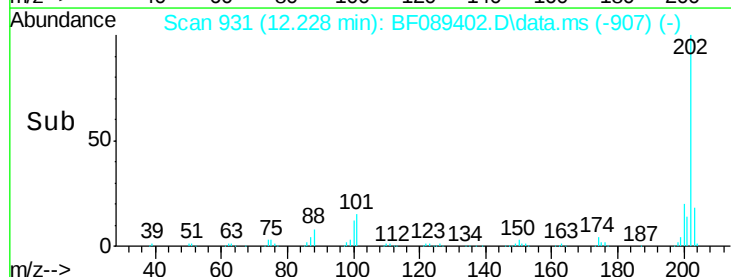
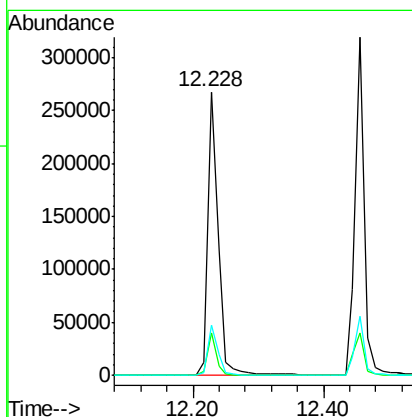
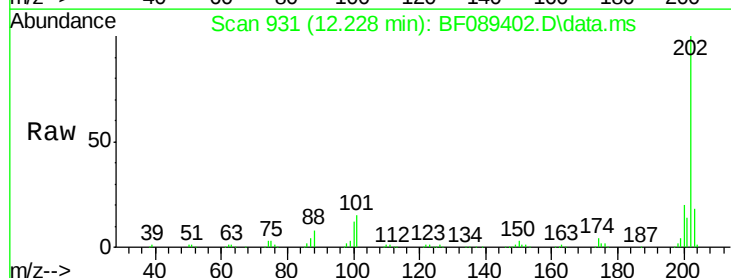
Tgt Ion:202 Resp: 296386

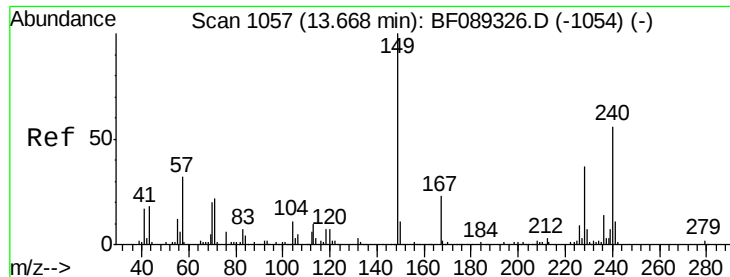
Ion Ratio Lower Upper

202 100

101 14.9 0.0 29.9

203 17.5 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.656 min Scan# 10

Delta R.T. -0.011 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

Instrument :

BNA_F

ClientSampleId :

I-2MSD

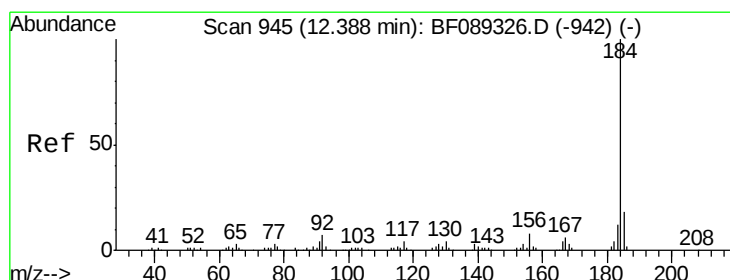
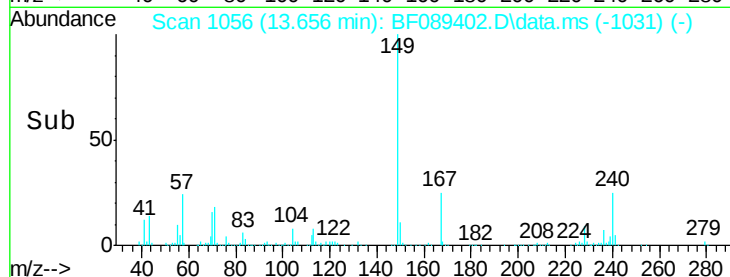
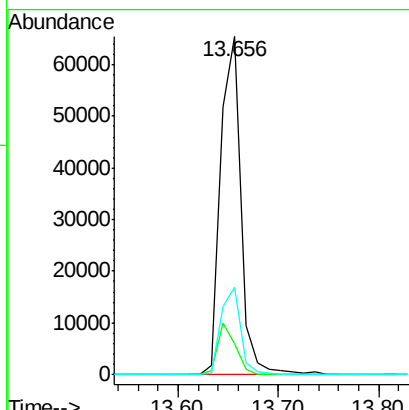
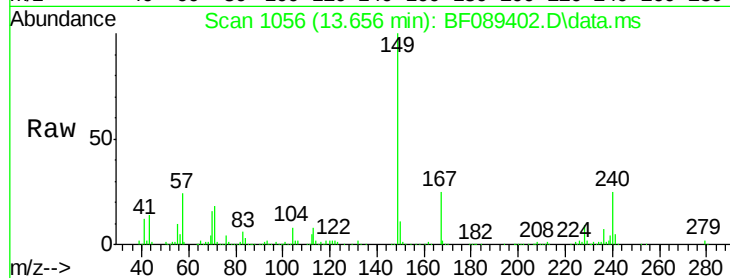
Tot Ion:240 Resp: 91914

Ion Ratio Lower Upper

240 100

120 9.2 9.1 13.7

236 25.8 20.6 30.8



#76

Benzidine

Concen: 34.40 ng

RT: 12.365 min Scan# 943

Delta R.T. -0.022 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

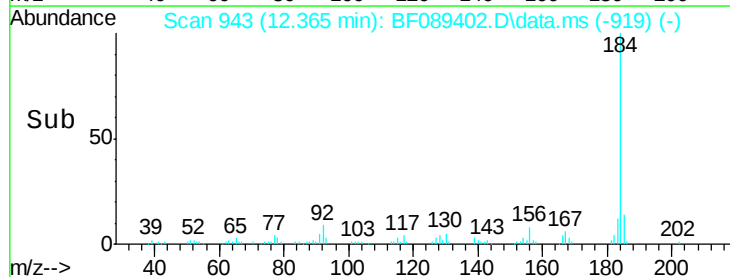
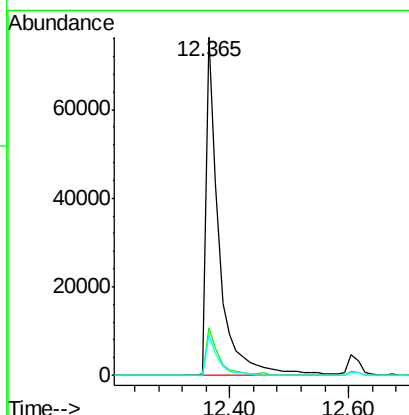
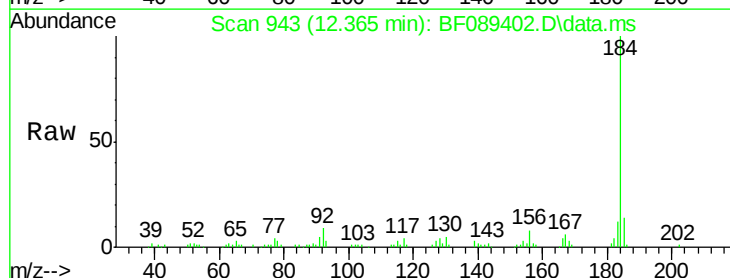
Tgt Ion:184 Resp: 116847

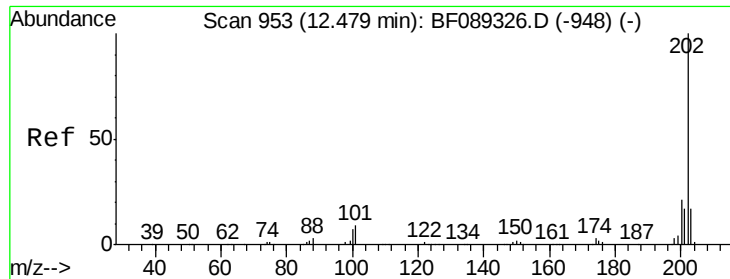
Ion Ratio Lower Upper

184 100

185 14.2 13.5 20.3

183 11.7 9.8 14.6

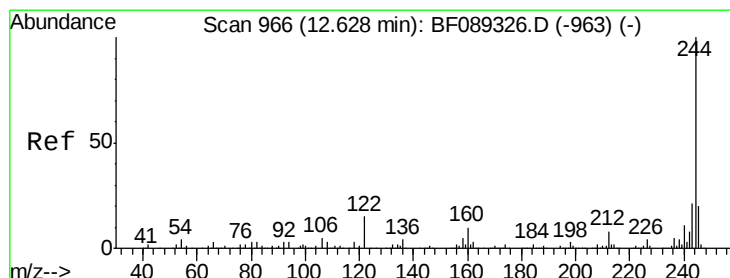
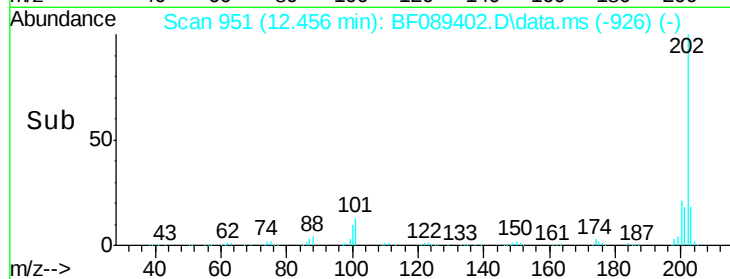
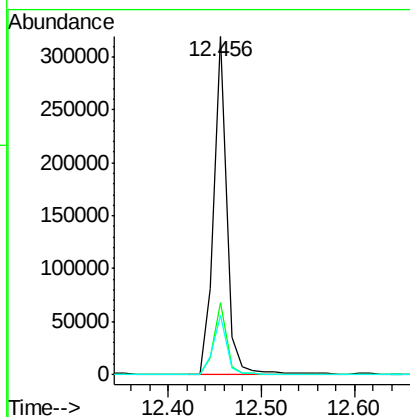
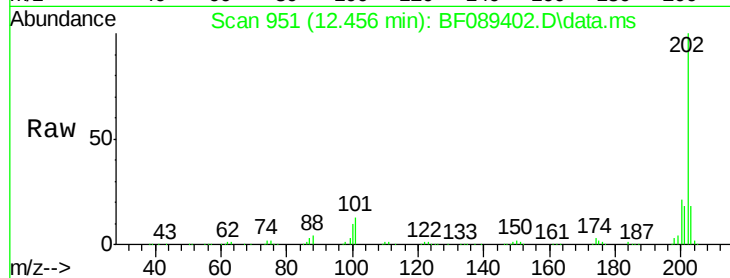




#77
Pvrene
Concen: 44.78 ng
RT: 12.456 min Scan# 951
Delta R.T. -0.011 min
Lab File: BF089402.D
Acq: 29 Jul 2016 10:19

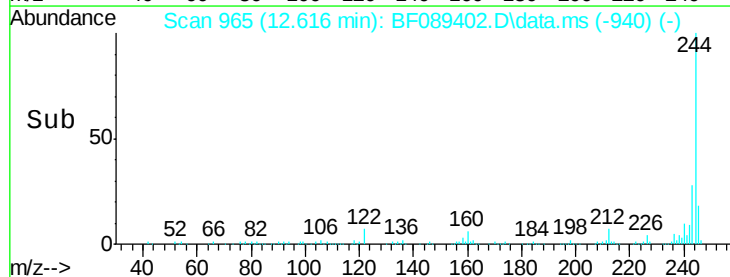
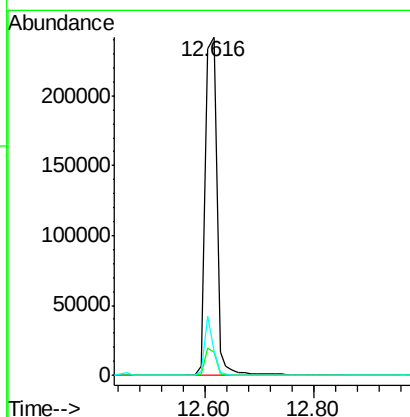
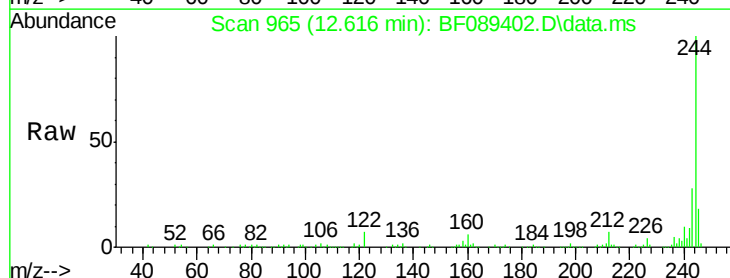
Instrument :
BNA_F
ClientSampleId :
I-2MSD

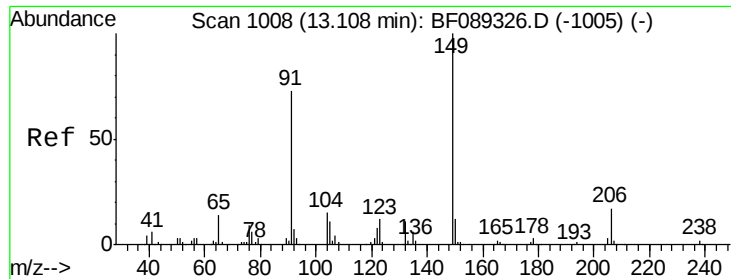
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.5	14.0	21.0



#78
Terphenyl-d14
Concen: 91.16 ng
RT: 12.616 min Scan# 965
Delta R.T. -0.011 min
Lab File: BF089402.D
Acq: 29 Jul 2016 10:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.5	9.7
122	7.1	11.4	17.0#

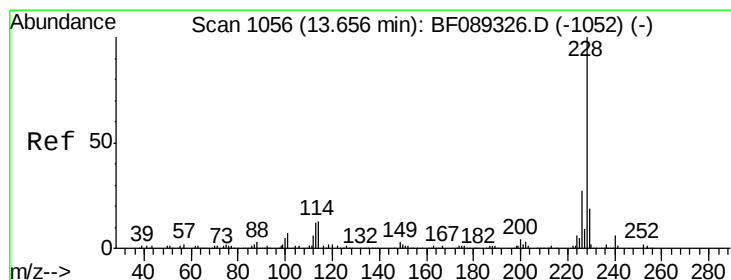
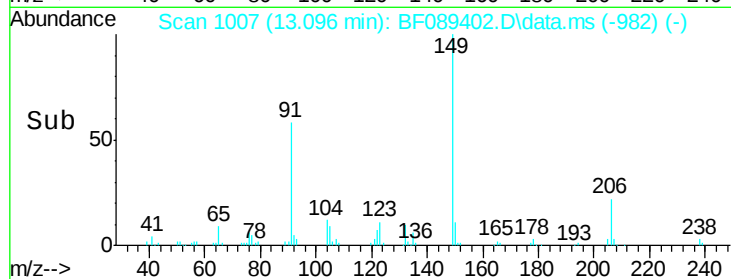
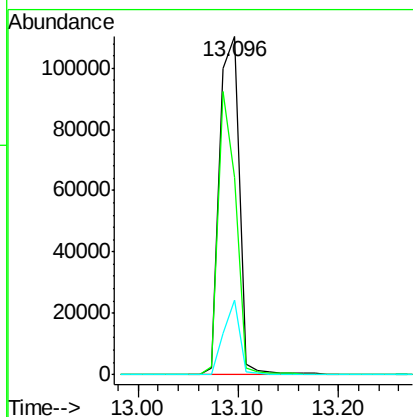
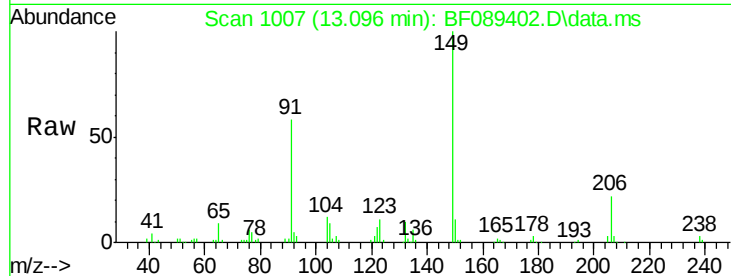




#79
Butylbenzylphthalate
Concen: 47.35 ng
RT: 13.096 min Scan# 10
Delta R.T. -0.011 min
Lab File: BF089402.D
Acq: 29 Jul 2016 10:19

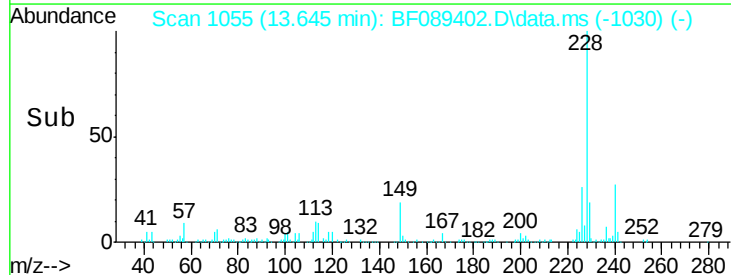
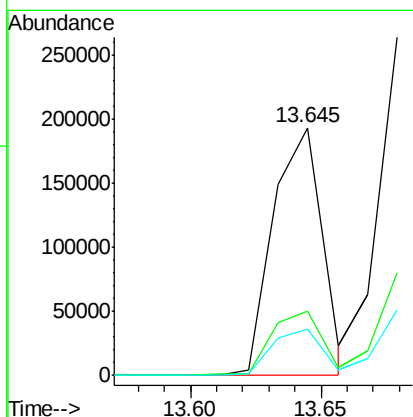
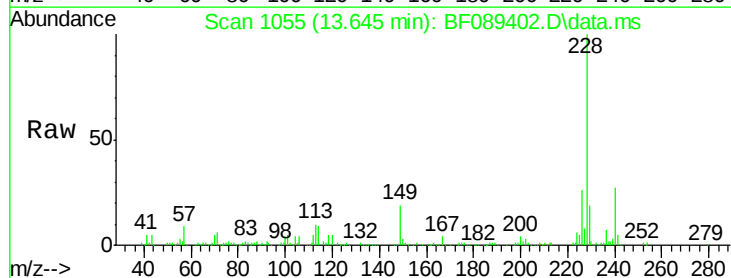
Instrument :
BNA_F
ClientSampleID :

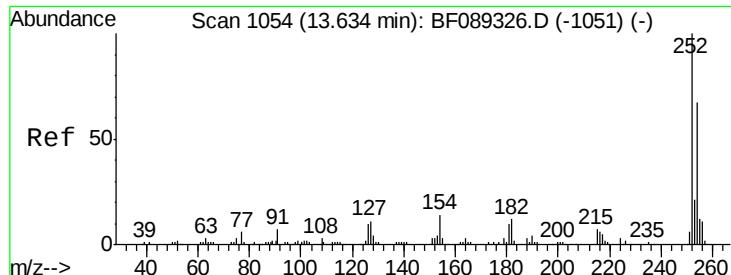
Tot Ion:149 Resp: 149959
Ion Ratio Lower Upper
149 100
91 58.2 58.5 87.7#
206 21.9 13.8 20.8#



#80
Benzo(a)anthracene
Concen: 48.84 ng
RT: 13.645 min Scan# 1055
Delta R.T. -0.011 min
Lab File: BF089402.D
Acq: 29 Jul 2016 10:19

Tgt Ion:228 Resp: 253344
Ion Ratio Lower Upper
228 100
226 26.0 21.4 32.2
229 18.6 15.9 23.9

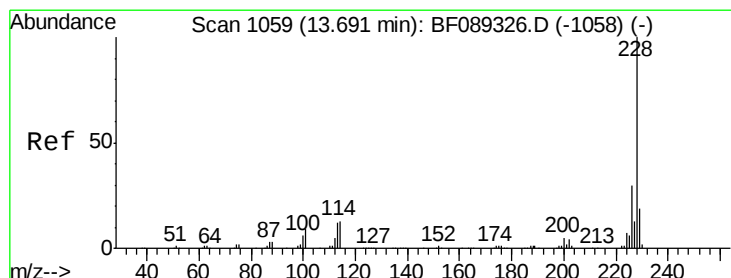
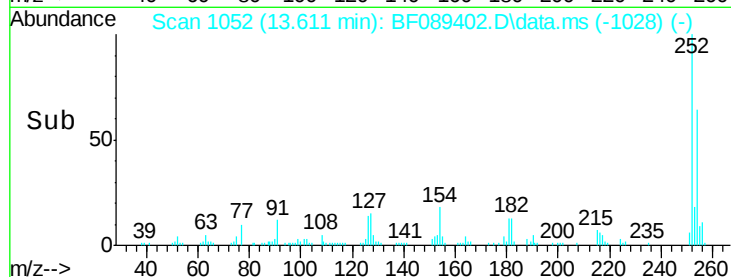
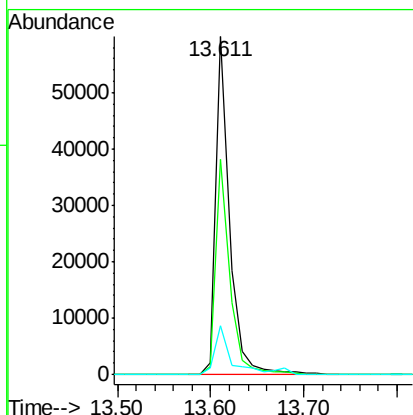
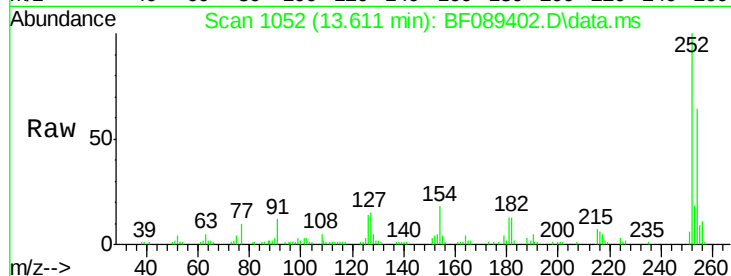




#81
 3,3'-Dichlorobenzidine
 Concen: 32.95 ng
 RT: 13.611 min Scan# 1052
 Delta R.T. -0.023 min
 Lab File: BF089402.D
 Acq: 29 Jul 2016 10:19

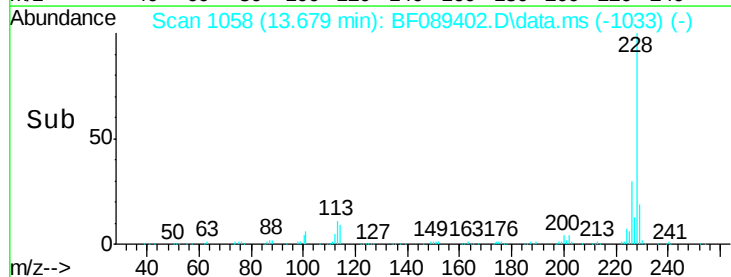
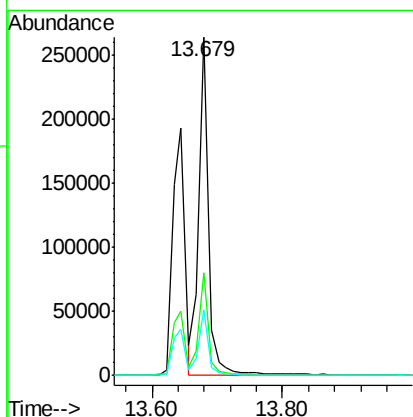
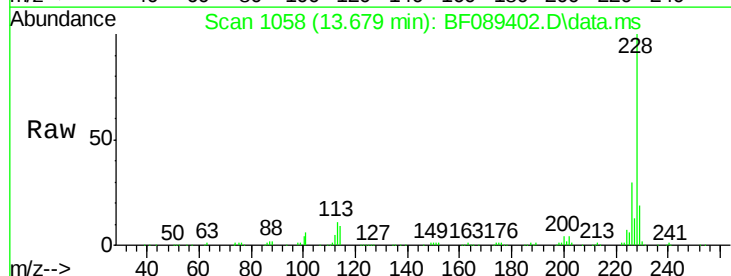
Instrument :
 BNA_F
 ClientSampleId :
 I-2MSD

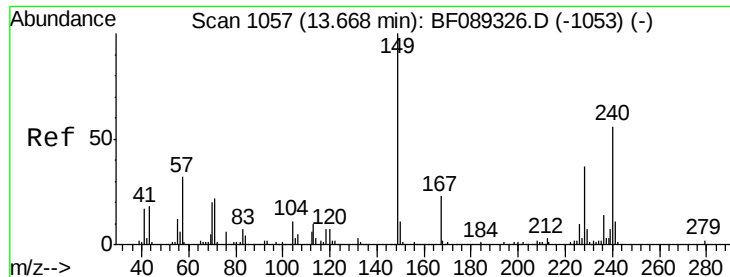
Tot Ion:252 Resp: 61510
 Ion Ratio Lower Upper
 252 100
 254 63.6 52.5 78.7
 126 14.5 7.4 11.2#



#82
 Chrysene
 Concen: 48.72 ng
 RT: 13.679 min Scan# 1058
 Delta R.T. -0.011 min
 Lab File: BF089402.D
 Acq: 29 Jul 2016 10:19

Tgt Ion:228 Resp: 269023
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.2 36.2
 229 19.3 15.9 23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.17 ng

RT: 13.656 min Scan# 10

Delta R.T. -0.011 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

Instrument :

BNA_F

ClientSampleId :

I-2MSD

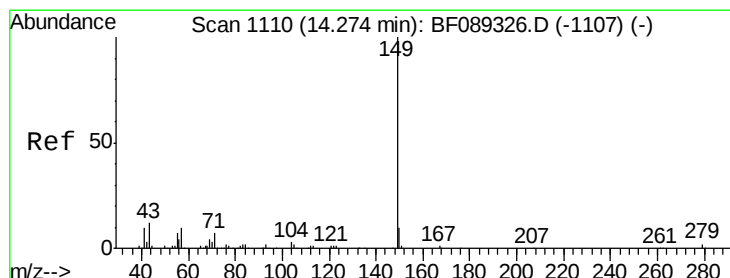
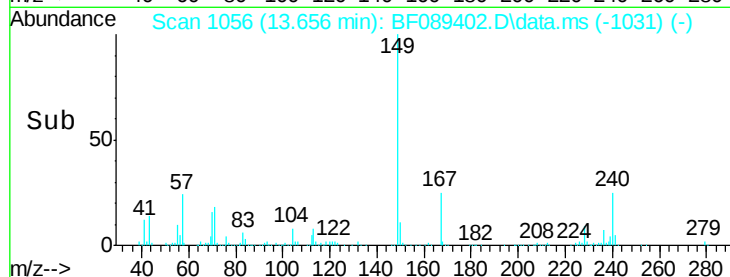
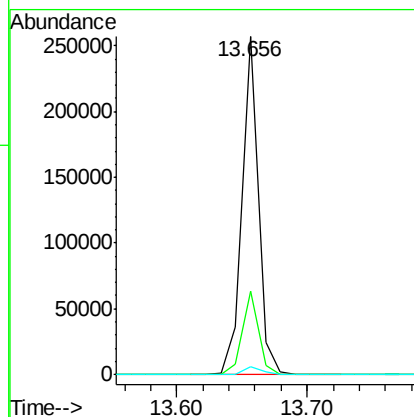
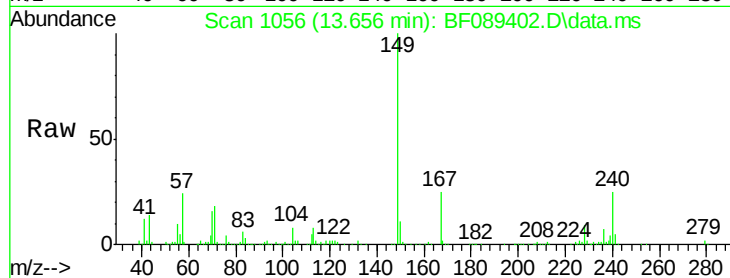
Tot Ion:149 Resp: 220522

Ion Ratio Lower Upper

149 100

167 24.8 18.8 28.2

279 2.5 1.4 2.0#



#84

Di-n-octyl phthalate

Concen: 50.39 ng

RT: 14.262 min Scan# 1109

Delta R.T. -0.011 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

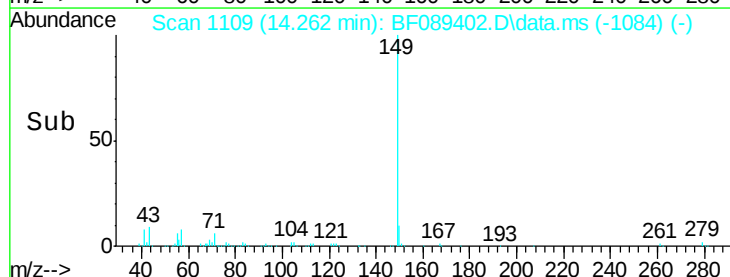
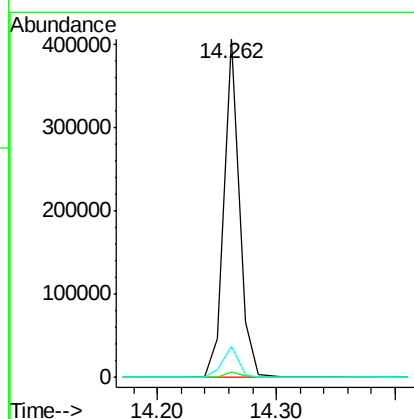
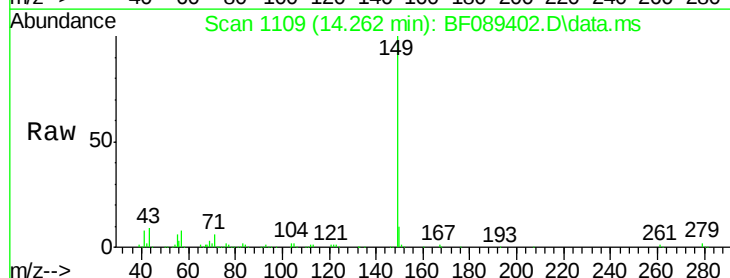
Tgt Ion:149 Resp: 359949

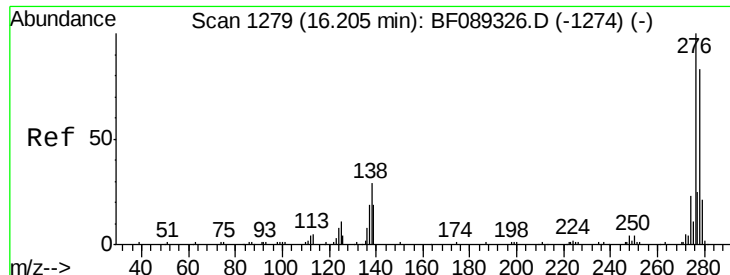
Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 9.5 7.3 10.9

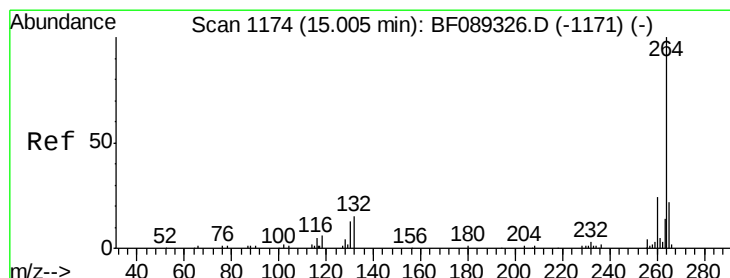
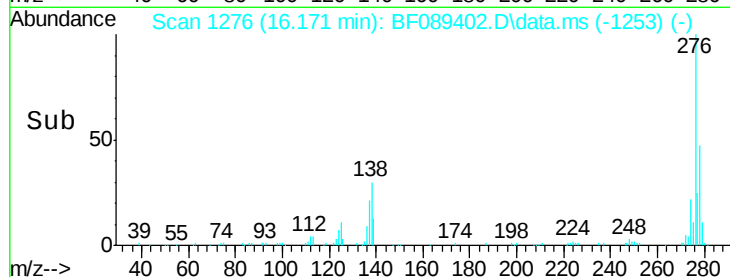
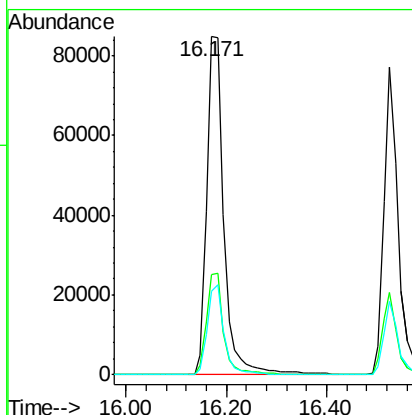
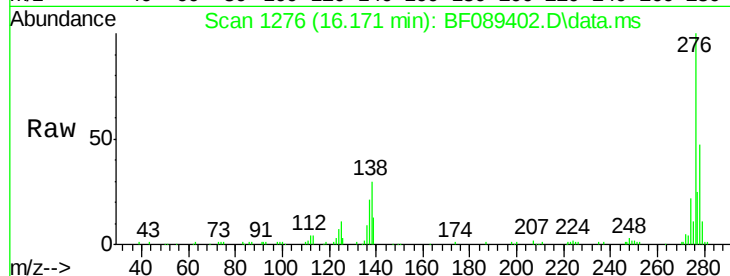




#85
Indeno(1,2,3-cd)pyrene
Concen: 51.40 ng
RT: 16.171 min Scan# 1276
Delta R.T. -0.034 min
Lab File: BF089402.D
Acq: 29 Jul 2016 10:19

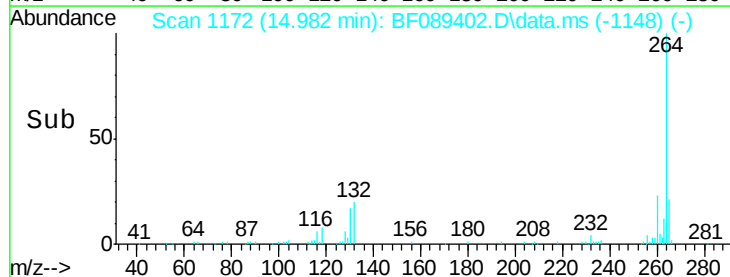
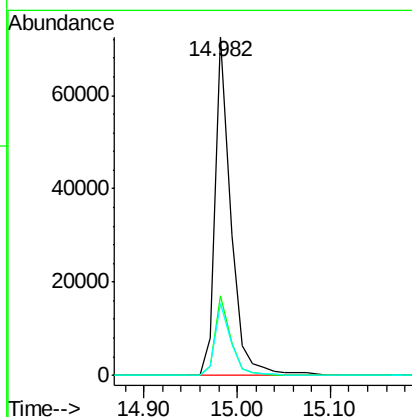
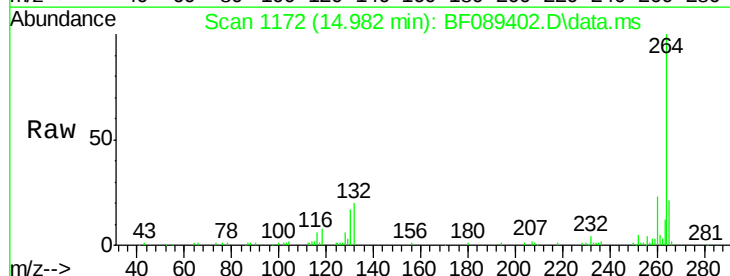
Instrument :
BNA_F
ClientSampleId :
I-2MSD

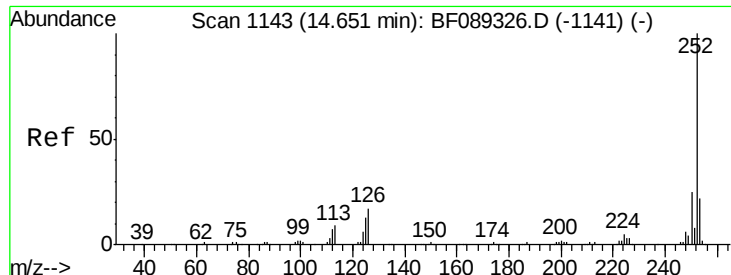
Tot Ion:276 Resp: 201793
Ion Ratio Lower Upper
276 100
138 29.5 23.0 34.4
277 25.2 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 14.982 min Scan# 1172
Delta R.T. -0.023 min
Lab File: BF089402.D
Acq: 29 Jul 2016 10:19

Tgt Ion:264 Resp: 85096
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.4
265 21.3 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 92.31 ng

RT: 14.662 min Scan# 1144

Delta R.T. 0.011 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

Instrument :

BNA_F

ClientSampleId :

I-2MSD

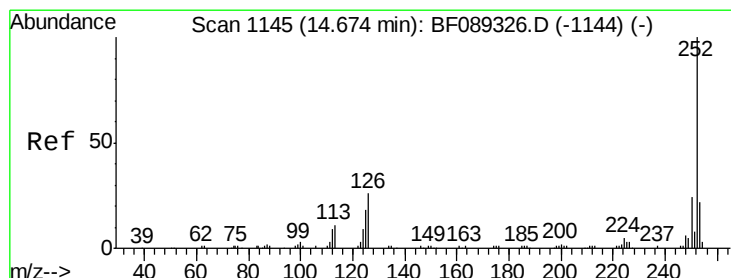
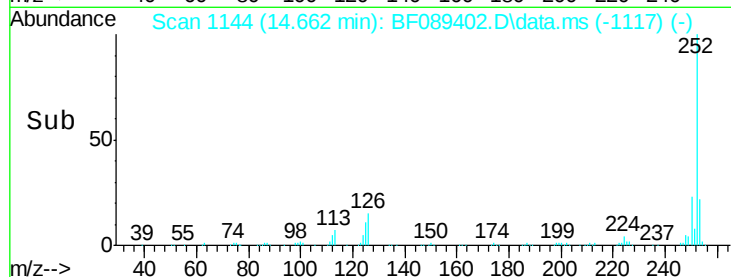
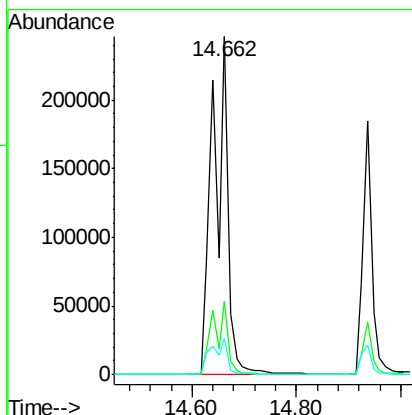
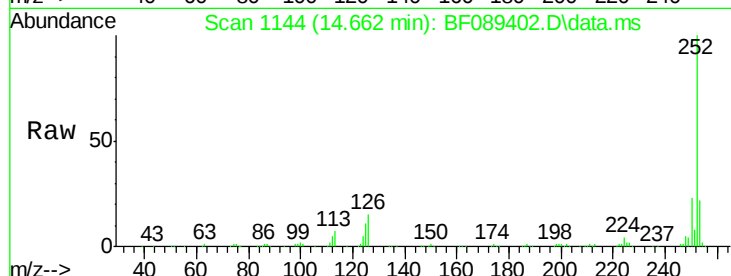
Tot Ion:252 Resp: 487835

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 10.6 9.7 14.5



#88

Benzo(k)fluoranthene

Concen: 100.46 ng

RT: 14.662 min Scan# 1144

Delta R.T. -0.011 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

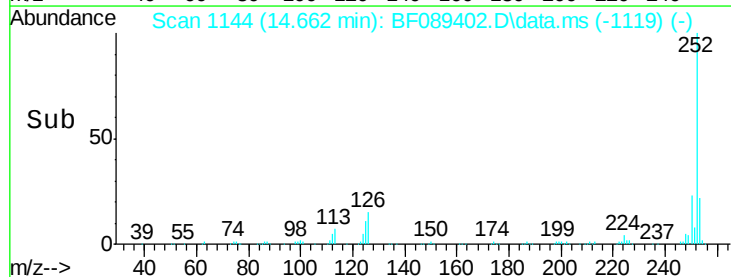
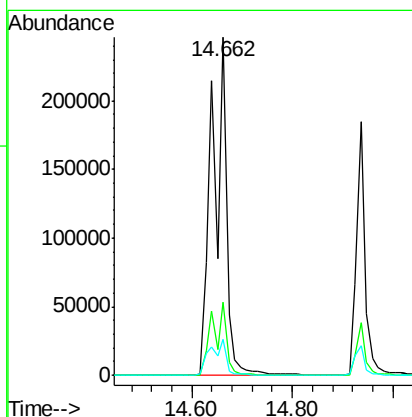
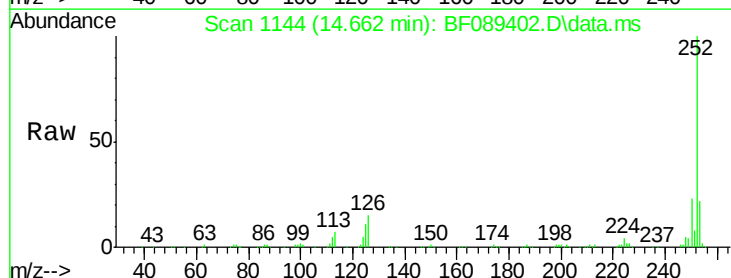
Tgt Ion:252 Resp: 488075

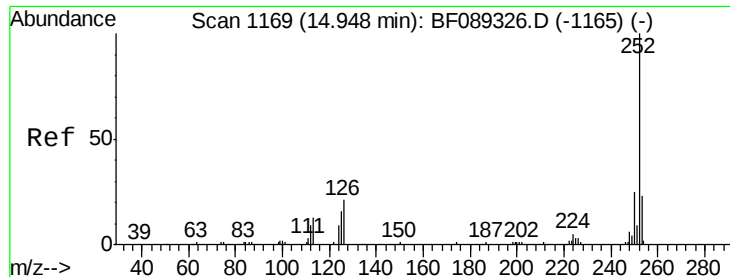
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 10.6 10.7 16.1#





#89

Benzo(a)pyrene

Concen: 48.10 ng

RT: 14.937 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

Instrument :

BNA_F

ClientSampleId :

I-2MSD

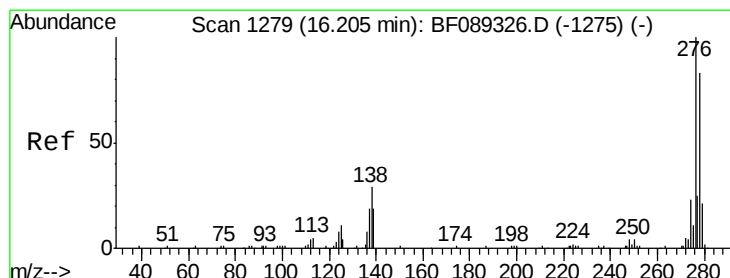
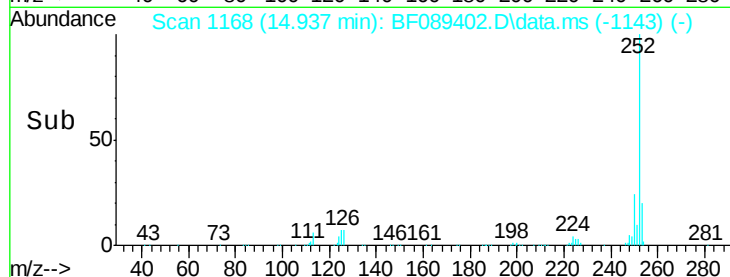
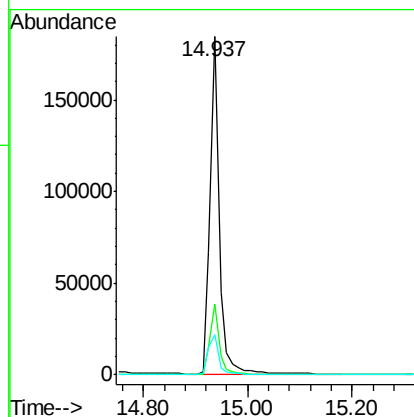
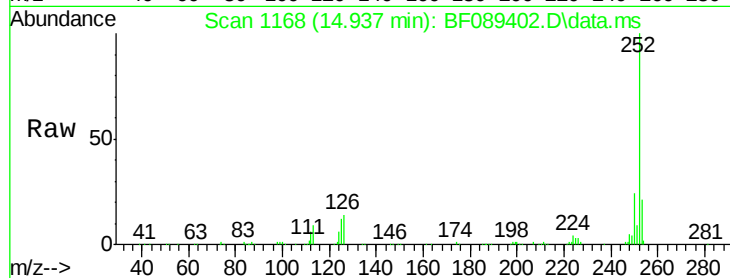
Tot Ion:252 Resp: 228045

Ion Ratio Lower Upper

252 100

253 20.9 17.4 26.2

125 11.7 12.4 18.6#



#90

Dibenzo(a,h)anthracene

Concen: 46.33 ng

RT: 16.182 min Scan# 1277

Delta R.T. -0.023 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

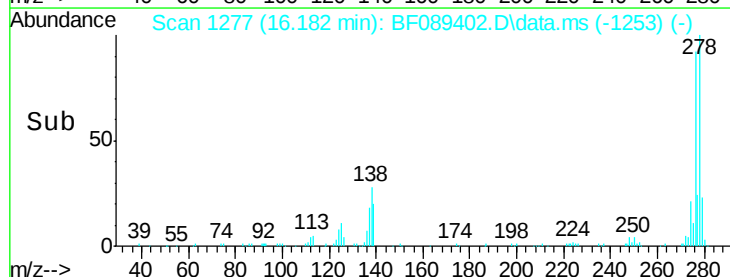
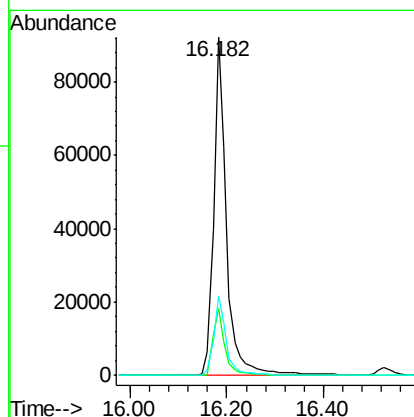
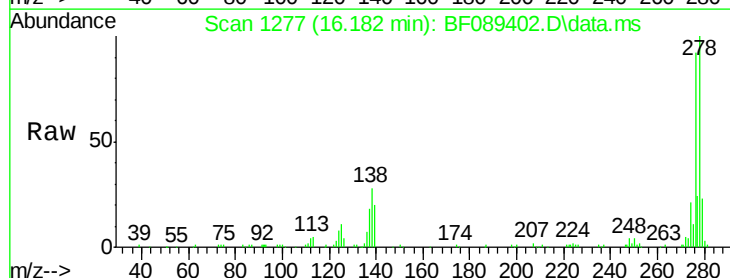
Tgt Ion:278 Resp: 173020

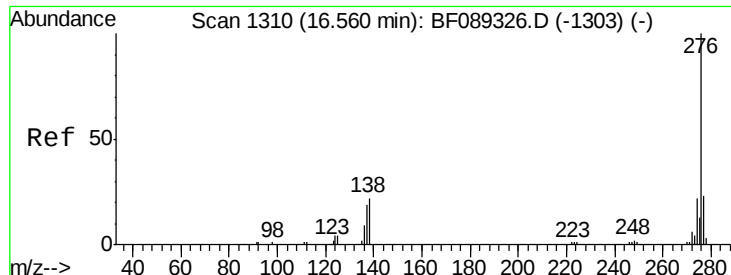
Ion Ratio Lower Upper

278 100

139 19.8 16.3 24.5

279 23.3 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 43.44 ng

RT: 16.525 min Scan# 13

Delta R.T. -0.023 min

Lab File: BF089402.D

Acq: 29 Jul 2016 10:19

Instrument :

BNA_F

ClientSampleId :

I-2MSD

Tot Ion:276 Resp: 159480

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 26.8 21.4 32.0

