

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\
 Data File : BF089322.D
 Acq On : 27 Jul 2016 10:55
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 11:56:17 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 11:51:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	43068	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	186219	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	88858	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	165429	20.00	ng	0.00
75) Chrysene-d12	13.67	240	119871	20.00	ng	0.00
86) Perylene-d12	15.01	264	90612	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.11	112	212453	75.41	ng	0.00
7) Phenol-d6	6.20	99	285927	78.19	ng	0.00
23) Nitrobenzene-d5	7.12	82	255227	73.35	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	61717	77.06	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	494383	77.63	ng	0.00
78) Terphenyl-d14	12.63	244	387124	70.27	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.95	88	43927	36.27	ng	100
3) Pyridine	2.57	79	108065	35.08	ng	100
4) n-Nitrosodimethylamine	2.54	42	37948	30.04	ng	100
6) Aniline	6.20	93	157382	32.65	ng	100
8) 2-Chlorophenol	6.33	128	123892	39.27	ng	100
9) Benzaldehyde	6.09	77	67585	35.16	ng	100
10) Phenol	6.22	94	163124	38.97	ng	100
11) bis(2-Chloroethyl)ether	6.30	93	127021	40.19	ng	100
12) 1,3-Dichlorobenzene	6.48	146	127141	36.70	ng	100
13) 1,4-Dichlorobenzene	6.56	146	139926	39.66	ng	100
14) 1,2-Dichlorobenzene	6.72	146	127244	38.86	ng	100
15) Benzyl Alcohol	6.71	79	87805	33.80	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.83	45	145295	40.18	ng	100
17) 2-Methylphenol	6.82	107	89584	36.62	ng	100
18) Hexachloroethane	7.05	117	51918	39.28	ng	100
19) n-Nitroso-di-n-propylamine	6.98	70	85913	36.60	ng	100
20) 3+4-Methylphenols	6.98	107	123986	37.35	ng	100
22) Acetophenone	6.97	105	177516	36.31	ng	100
24) Nitrobenzene	7.14	77	140888	38.53	ng	100
25) Isophorone	7.38	82	242648	37.78	ng	100
26) 2-Nitrophenol	7.46	139	61505	35.98	ng	100
27) 2,4-Dimethylphenol	7.51	122	102019	35.42	ng	100
28) bis(2-Chloroethoxy)methane	7.60	93	143368	36.36	ng	100
29) 2,4-Dichlorophenol	7.70	162	98807	37.98	ng	100
30) 1,2,4-Trichlorobenzene	7.78	180	106848	37.25	ng	100
31) Naphthalene	7.85	128	350257	35.16	ng	100
32) Benzoic acid	7.67	122	69018	32.29	ng	100
33) 4-Chloroaniline	7.92	127	134630	32.75	ng	100
34) Hexachlorobutadiene	7.98	225	61649	38.47	ng	100
35) Caprolactam	8.30	113	28152	35.24	ng	100
36) 4-Chloro-3-methylphenol	8.41	107	116666	37.21	ng	100
37) 2-Methylnaphthalene	8.55	142	211042	33.80	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	114721	35.03	ng	100
40) Hexachlorocyclopentadiene	8.70	237	27618	32.28	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	59645	33.30	nq	100
43) 2,4,5-Trichlorophenol	8.88	196	72728	39.67	nq	100
45) 1,1'-Biphenyl	9.00	154	276603	34.80	nq	100
46) 2-Chloronaphthalene	9.03	162	218655	36.21	nq	100
47) 2-Nitroaniline	9.14	65	65086	31.94	nq	100
48) Acenaphthylene	9.44	152	362025	37.89	nq	100
49) Dimethylphthalate	9.32	163	264587	39.16	nq	100
50) 2,6-Dinitrotoluene	9.38	165	59091	38.96	nq	100
51) Acenaphthene	9.61	154	207173	36.87	nq	100
52) 3-Nitroaniline	9.55	138	59407	33.69	nq	100
53) 2,4-Dinitrophenol	9.67	184	16191	27.80	nq	100
54) Dibenzofuran	9.78	168	278320	36.76	nq	100
55) 4-Nitrophenol	9.78	139	156040	153.08	nq	# 9
56) 2,4-Dinitrotoluene	9.78	165	74829	38.02	nq	100
57) Fluorene	10.12	166	240416	37.87	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.91	232	52229	39.55	nq	100
59) Diethylphthalate	10.01	149	251279	37.31	nq	100
60) 4-Chlorophenyl-phenylether	10.12	204	105535	35.97	nq	100
61) 4-Nitroaniline	10.16	138	61619	35.20	nq	100
62) Azobenzene	10.27	77	260715	35.67	nq	100
64) 4,6-Dinitro-2-methylphenol	10.19	198	37392	39.39	nq	100
65) n-Nitrosodiphenylamine	10.24	169	203572	36.87	nq	100
66) 4-Bromophenyl-phenylether	10.60	248	65483	39.94	nq	100
67) Hexachlorobenzene	10.66	284	60384	34.69	nq	100
68) Atrazine	10.78	200	66274	38.52	nq	100
69) Pentachlorophenol	10.87	266	25966	33.31	nq	100
70) Phenanthrene	11.07	178	347985	38.15	nq	100
71) Anthracene	11.12	178	360632	38.50	nq	100
72) Carbazole	11.29	167	303742	37.35	nq	100
73) Di-n-butylphthalate	11.62	149	400124	38.67	nq	100
74) Fluoranthene	12.25	202	365003	37.98	nq	100
76) Benzidine	12.39	184	172329	41.51	nq	100
77) Pyrene	12.47	202	341346	35.25	nq	100
79) Butylbenzylphthalate	13.11	149	171261	40.82	nq	100
80) Benzo(a)anthracene	13.66	228	270661	35.89	nq	100
81) 3,3'-Dichlorobenzidine	13.63	252	96459	38.95	nq	100
82) Chrysene	13.69	228	261488	36.59	nq	100
83) Bis(2-ethylhexyl)phthalate	13.67	149	225393	40.24	nq	100
84) Di-n-octyl phthalate	14.27	149	350361	38.33	nq	100
85) Indeno(1,2,3-cd)pyrene	16.21	276	186749	35.83	nq	100
87) Benzo(b)fluoranthene	14.67	252	426783	68.57	nq	98
88) Benzo(k)fluoranthene	14.67	252	427350	86.30	nq	100
89) Benzo(a)pyrene	14.95	252	195848	38.44	nq	100
90) Dibenzo(a,h)anthracene	16.21	278	154711	38.51	nq	100
91) Benzo(g,h,i)perylene	16.55	276	153814	38.02	nq	100

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

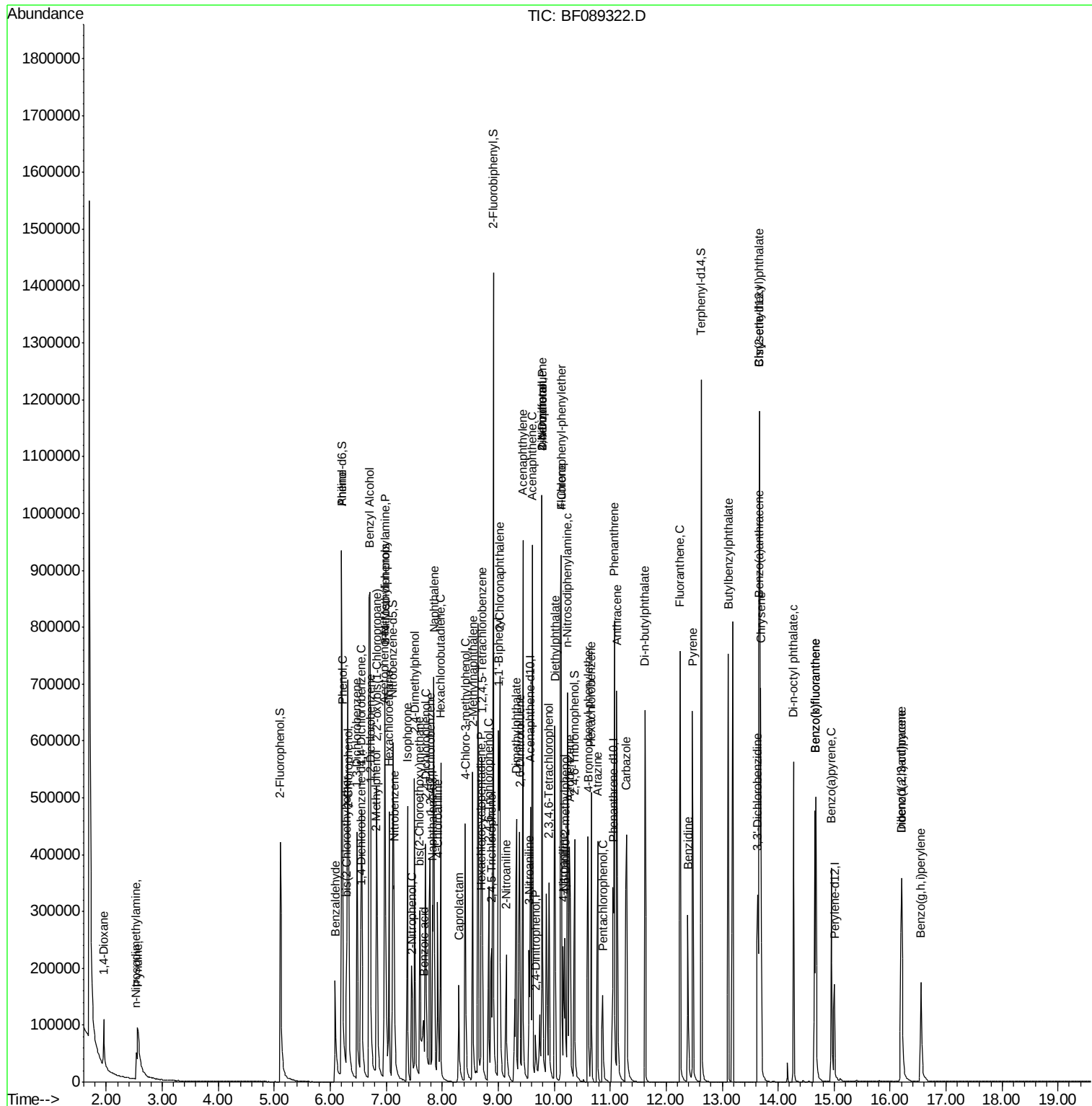
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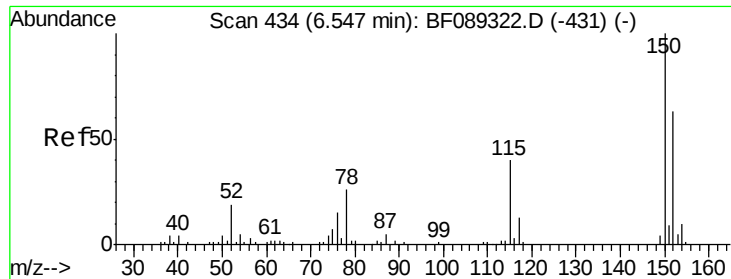
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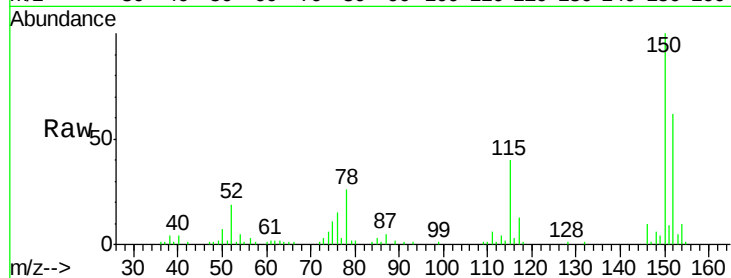


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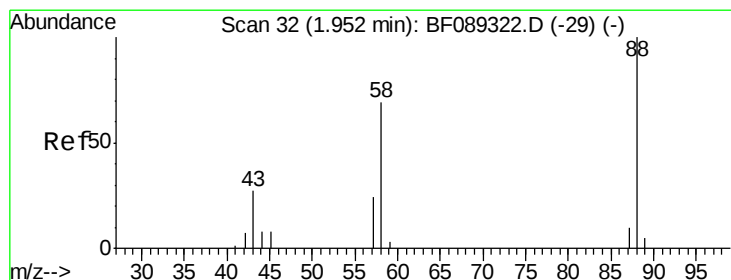
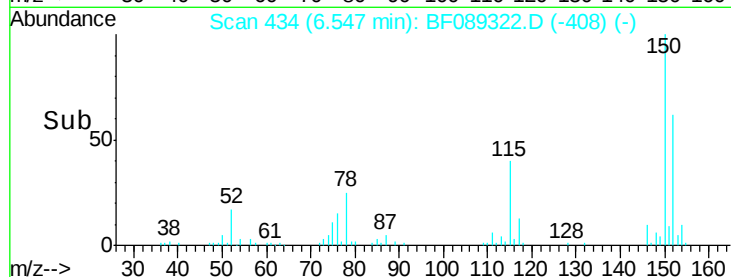
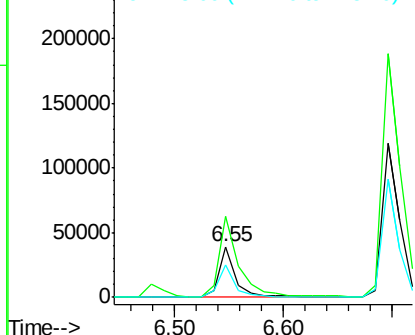
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF089322.D
Acq: 27 Jul 2016 10:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 43068
Ion Ratio Lower Upper
152 100
150 161.9 129.5 194.3
115 64.3 51.4 77.2



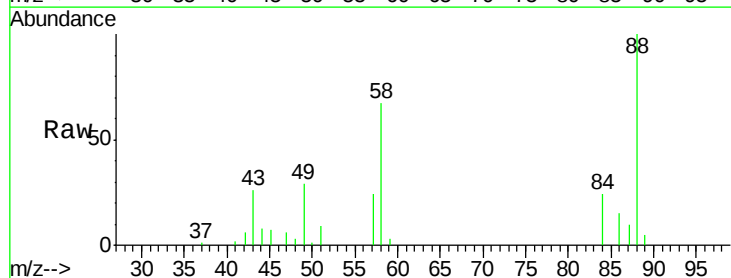
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



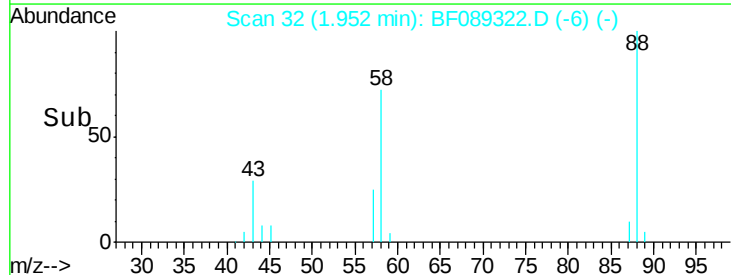
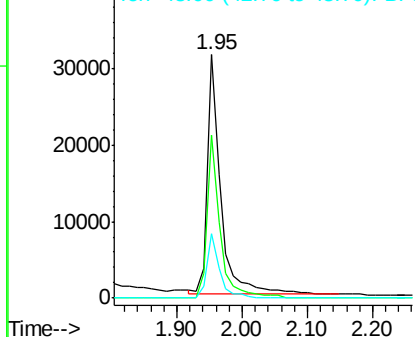
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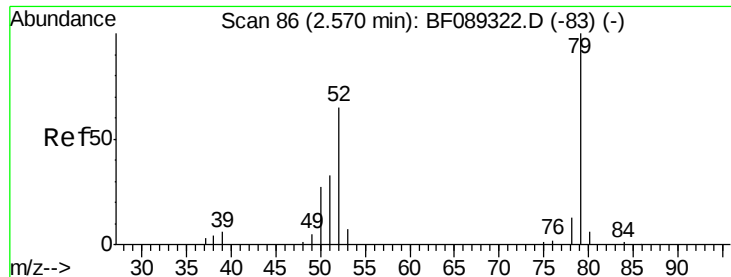
1,4-Dioxane
Concen: 36.27 ng
RT: 1.95 min Scan# 32
Delta R.T. 0.00 min
Lab File: BF089322.D
Acq: 27 Jul 2016 10:55

Tgt Ion: 88 Resp: 43927
Ion Ratio Lower Upper
88 100
58 66.5 53.2 79.8
43 25.8 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: 35.08 ng

RT: 2.57 min Scan# 86

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

Instrument :

BNA_F

ClientSampleId :

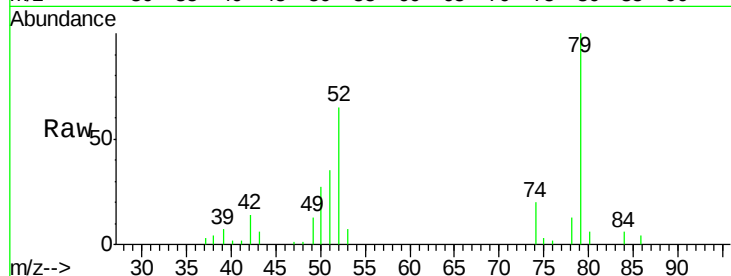
Tot Ion: 79 Resp: 108065

Ion Ratio Lower Upper

79 100

52 64.9 51.9 77.9

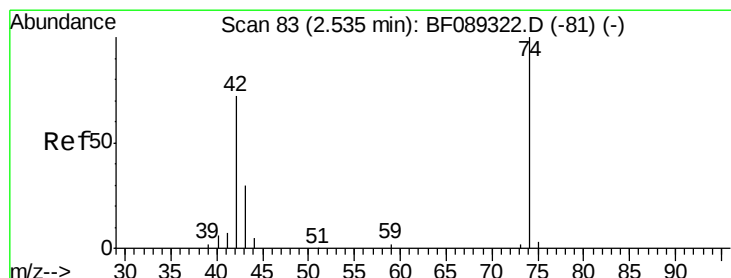
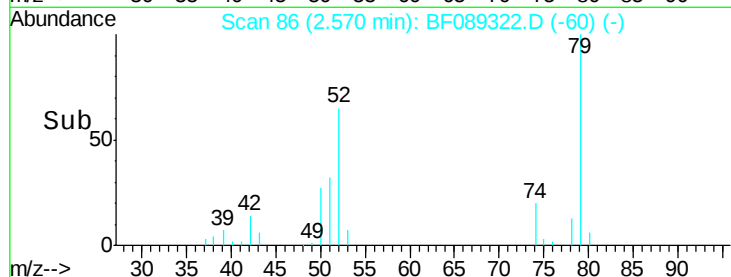
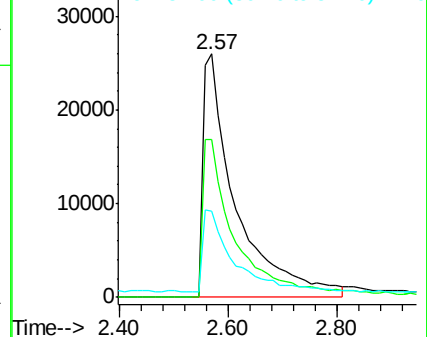
51 35.3 28.2 42.4



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: 30.04 ng

RT: 2.54 min Scan# 83

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

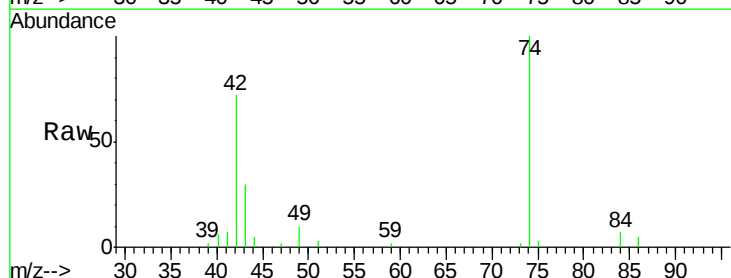
Tgt Ion: 42 Resp: 37948

Ion Ratio Lower Upper

42 100

74 138.5 110.8 166.2

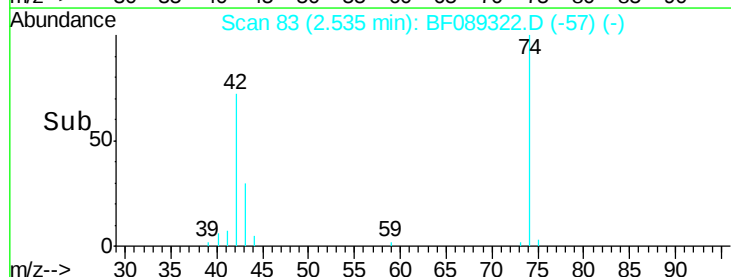
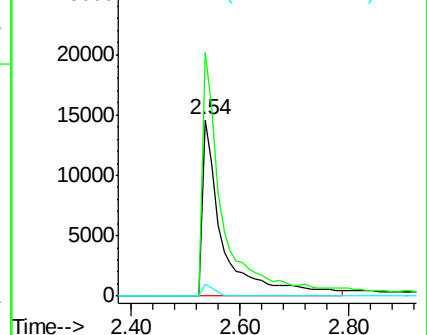
44 6.5 5.2 7.8

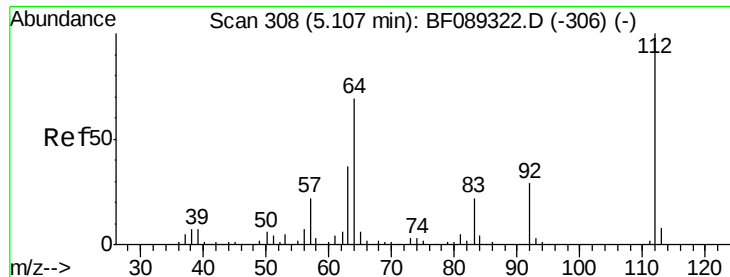


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 75.41 ng

RT: 5.11 min Scan# 308

Delta R.T. 0.00 min

Lab File: BF089322.D

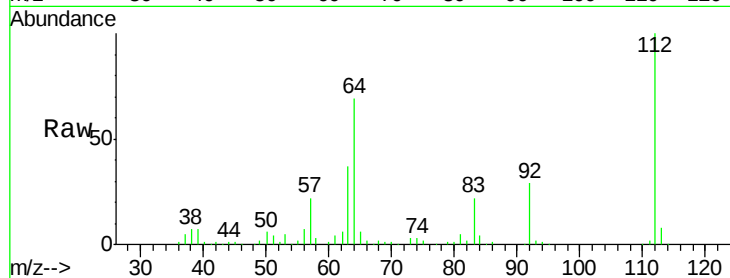
Acq: 27 Jul 2016 10:55

Instrument :

BNA_F

ClientSampled :

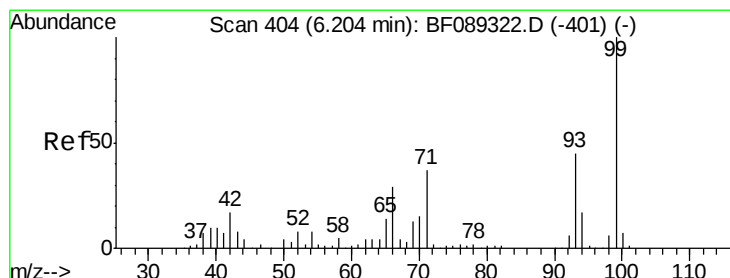
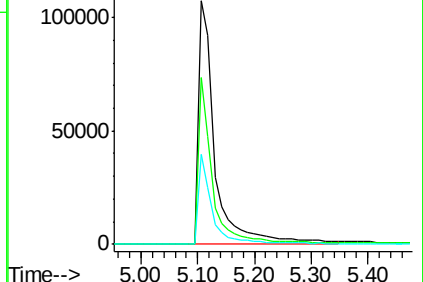
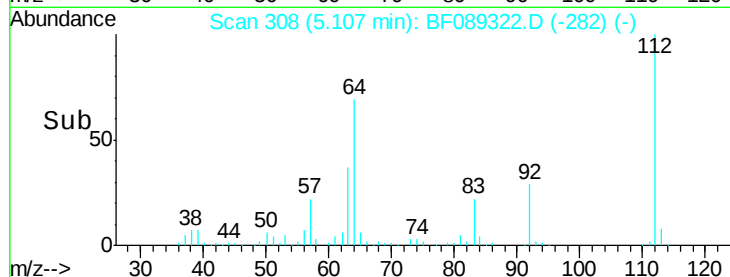
Tot Ion:	112	Resp:	212453
Ion Ratio	Lower	Upper	
112	100		
64	68.8	55.0	82.6
63	36.8	29.4	44.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 32.65 ng

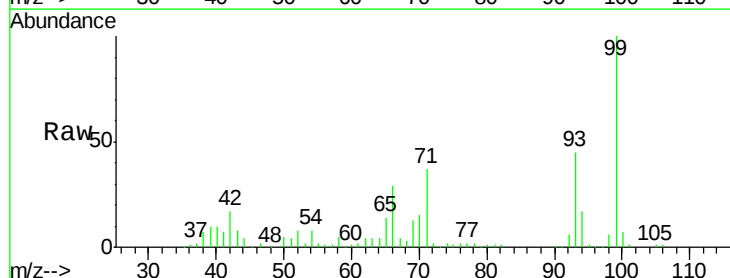
RT: 6.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

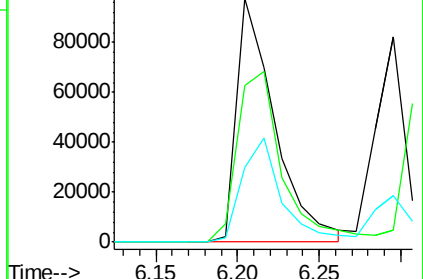
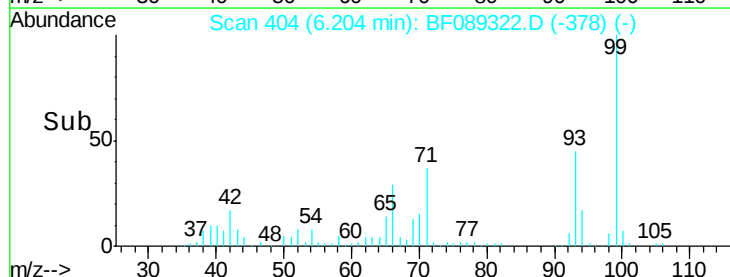
Tgt Ion:	93	Resp:	157382
Ion Ratio	Lower	Upper	
93	100		
66	64.5	51.6	77.4
65	30.9	24.7	37.1

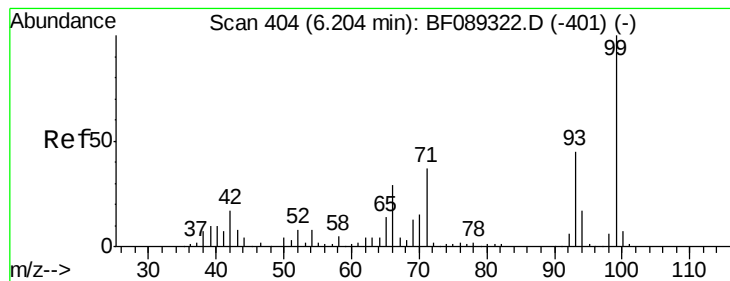


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.19 ng

RT: 6.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

Instrument :

BNA_F

ClientSampled :

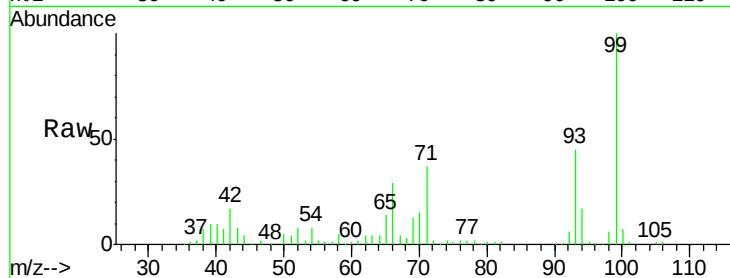
Tot Ion: 99 Resp: 285927

Ion Ratio Lower Upper

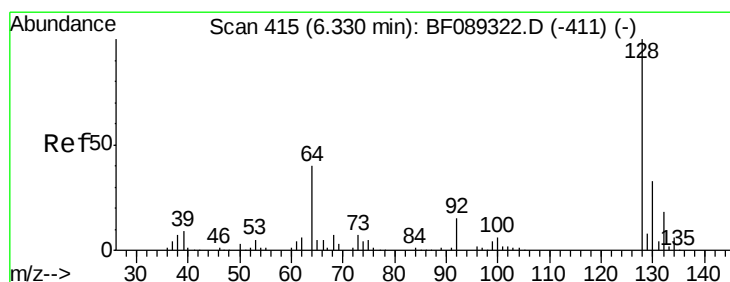
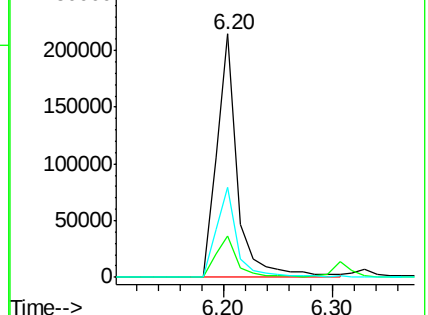
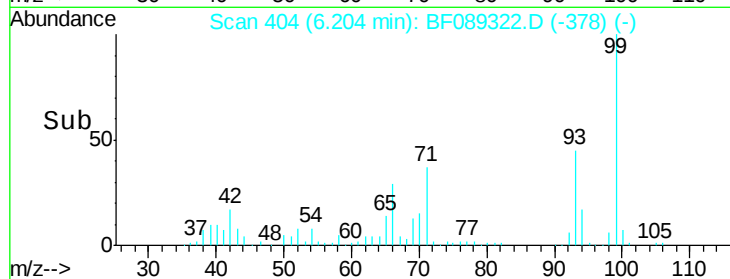
99 100

42 17.0 13.6 20.4

71 36.8 29.4 44.2



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



#8

2-Chlorophenol

Concen: 39.27 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

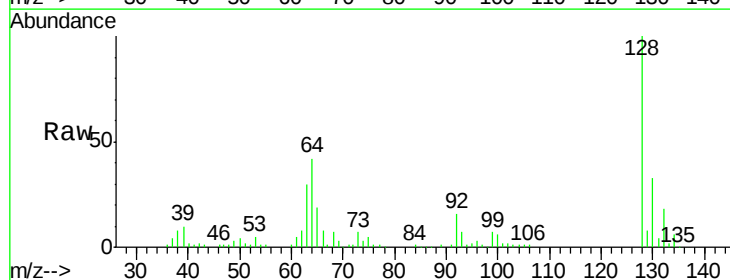
Tgt Ion:128 Resp: 123892

Ion Ratio Lower Upper

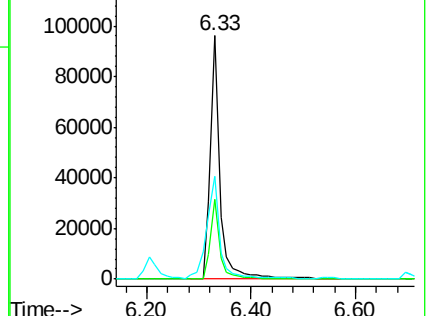
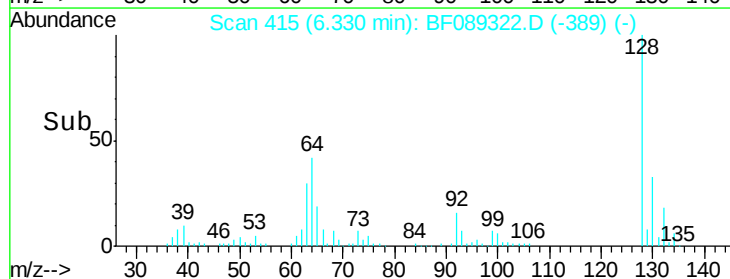
128 100

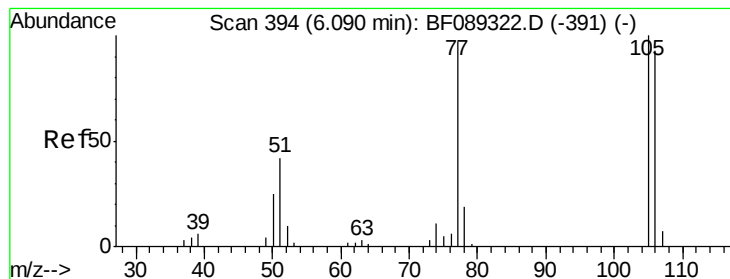
130 32.6 12.6 52.6

64 42.1 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: 35.16 ng

RT: 6.09 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

Instrument :

BNA_F

ClientSampled :

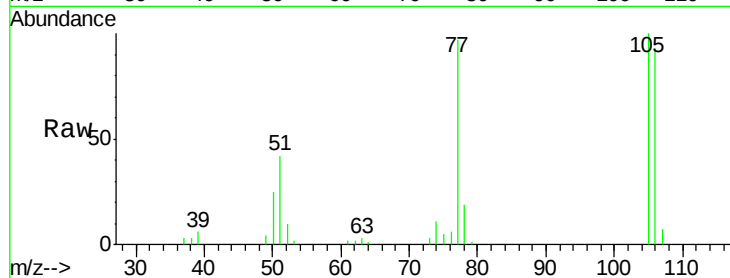
Tot Ion: 77 Resp: 67585

Ion Ratio Lower Upper

77 100

105 102.9 82.9 122.9

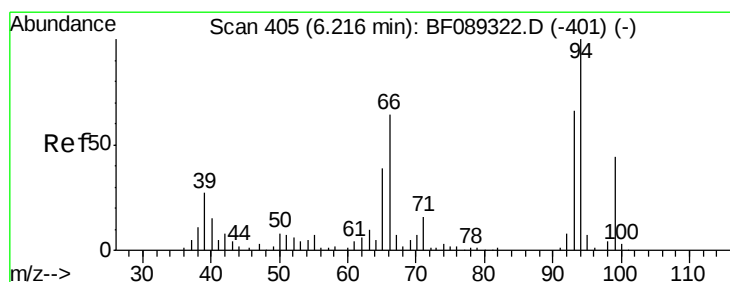
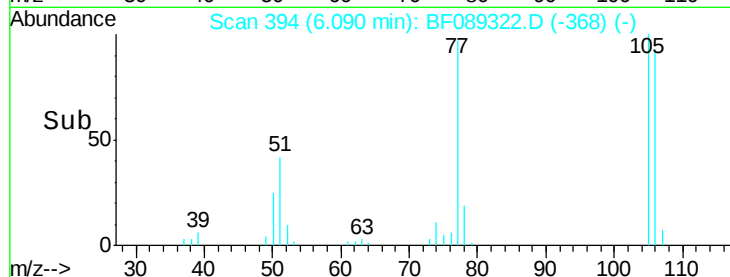
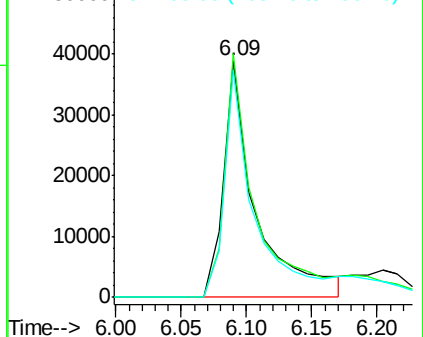
106 95.9 75.9 115.9



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: 38.97 ng

RT: 6.22 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

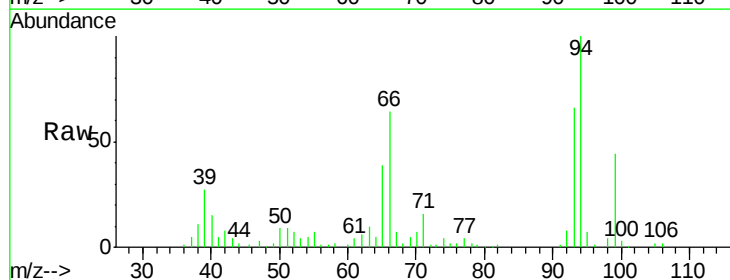
Tgt Ion: 94 Resp: 163124

Ion Ratio Lower Upper

94 100

65 39.1 19.1 59.1

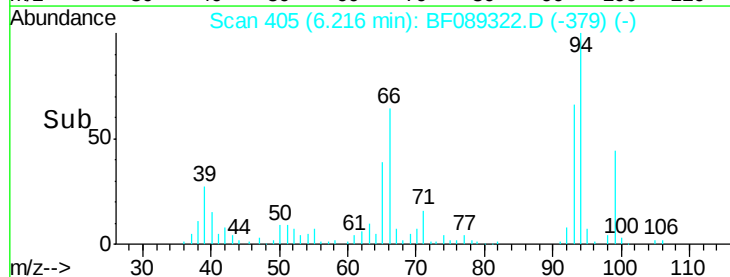
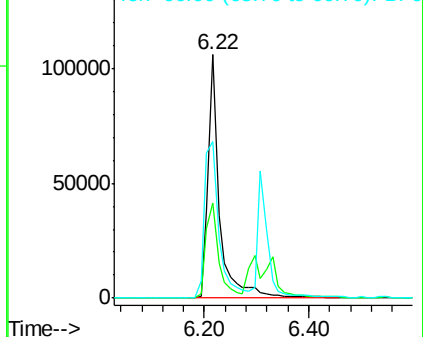
66 64.4 44.4 84.4

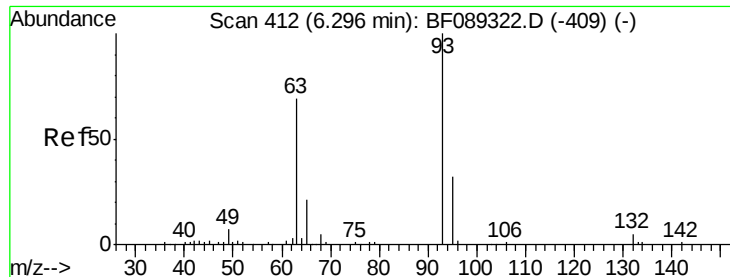


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.19 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

Instrument :

BNA_F

ClientSampleId :

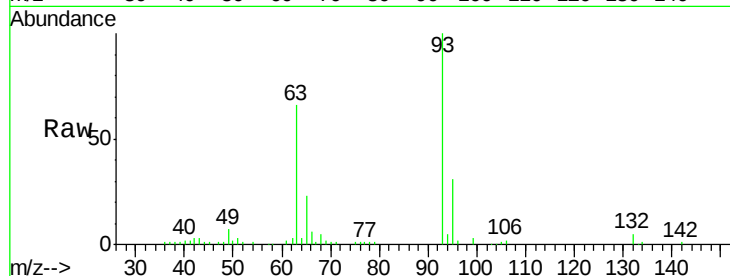
Tot Ion: 93 Resp: 127021

Ion Ratio Lower Upper

93 100

63 65.6 45.6 85.6

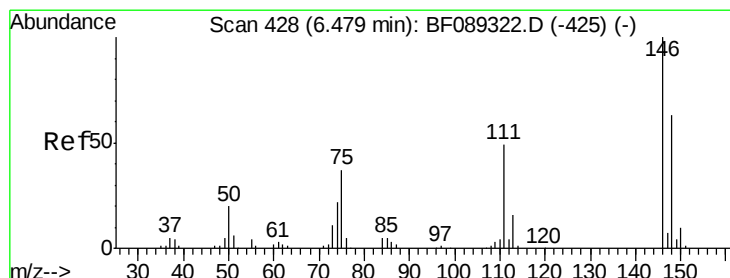
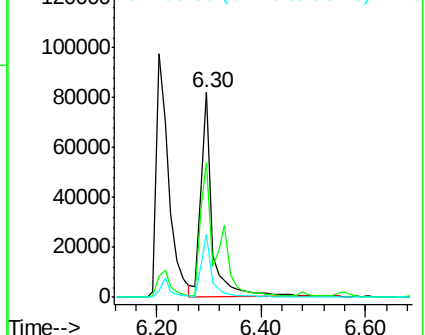
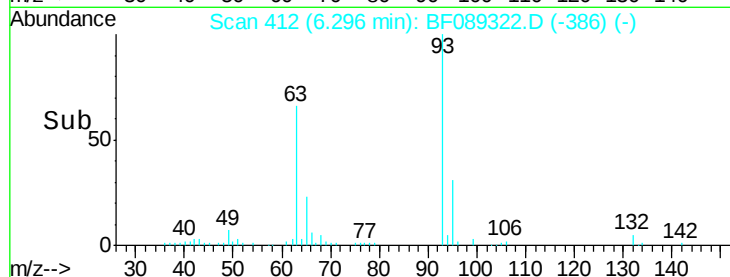
95 31.1 11.1 51.1



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 36.70 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

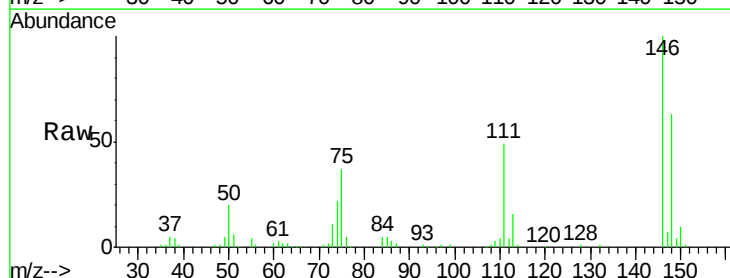
Tgt Ion: 146 Resp: 127141

Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

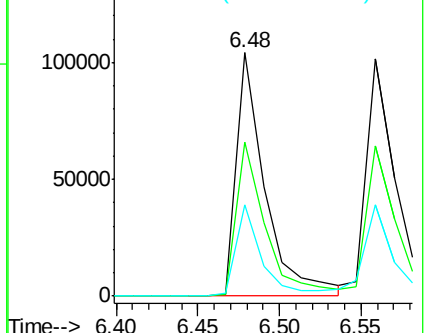
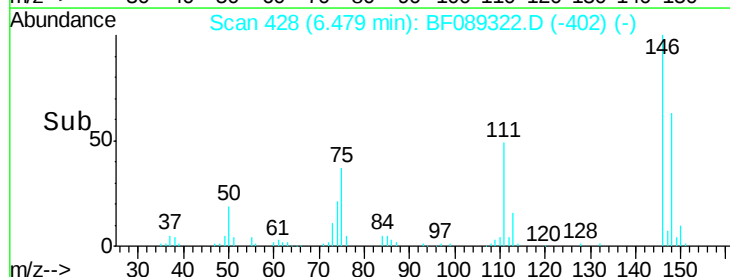
75 37.5 30.0 45.0

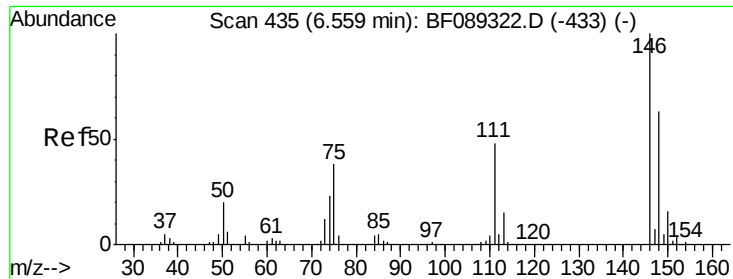


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

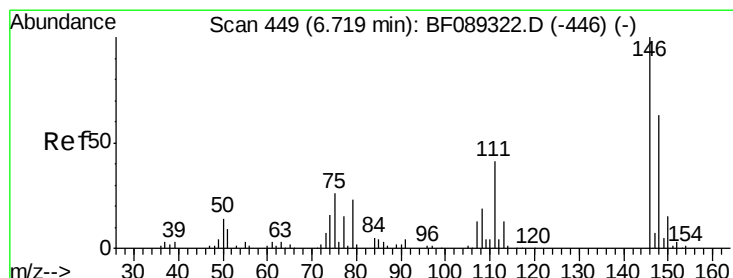
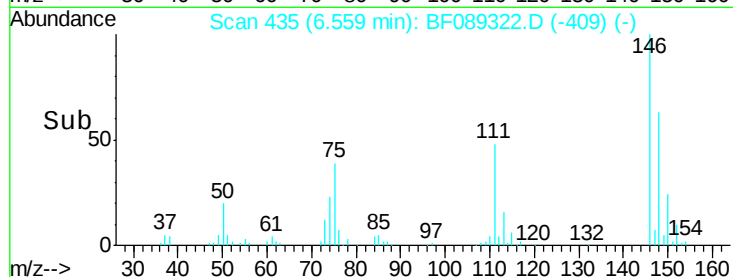
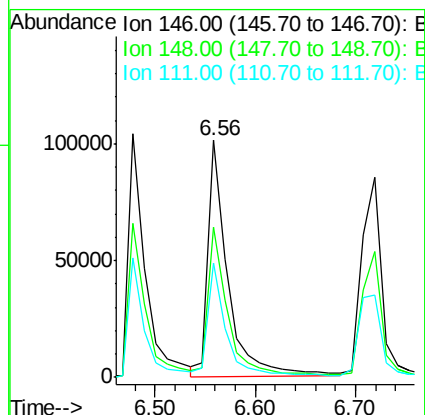
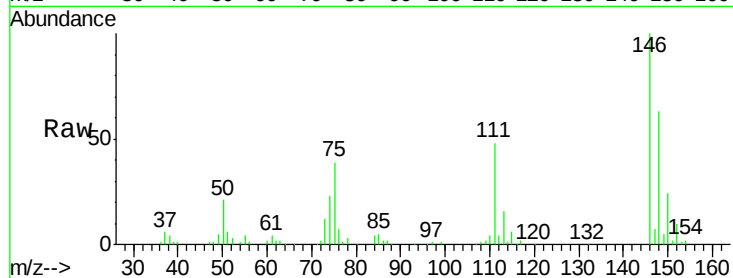




#13
 1,4-Dichlorobenzene
 Concen: 39.66 ng
 RT: 6.56 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: BF089322.D
 Acq: 27 Jul 2016 10:55

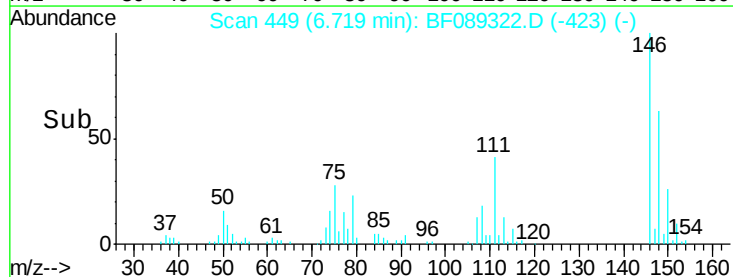
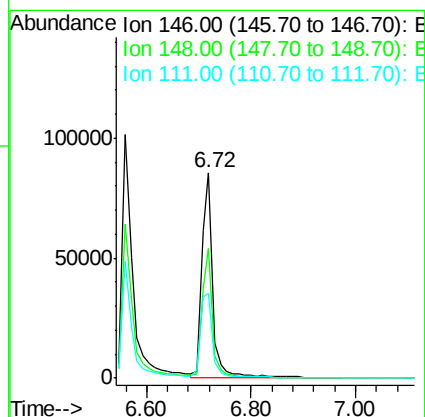
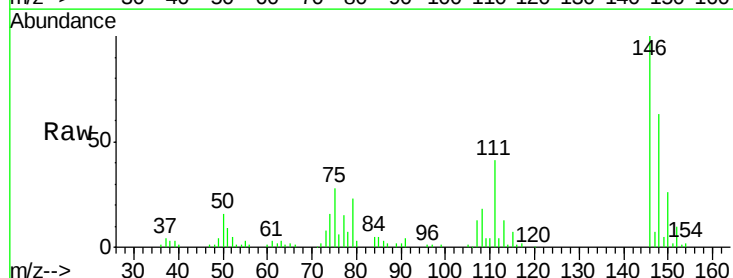
Instrument :
 BNA_F
 ClientSampleId :

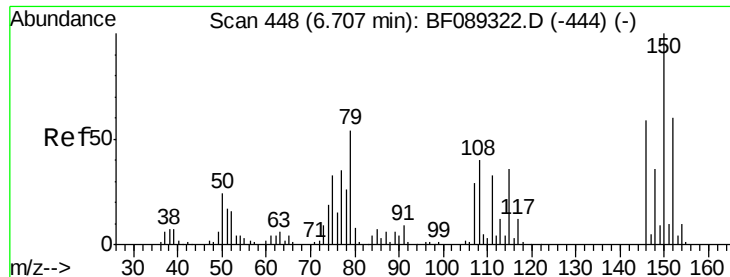
Tot Ion:146 Resp: 139926
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.8 76.2
 111 48.2 38.6 57.8



#14
 1,2-Dichlorobenzene
 Concen: 38.86 ng
 RT: 6.72 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: BF089322.D
 Acq: 27 Jul 2016 10:55

Tgt Ion:146 Resp: 127244
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.4 75.6
 111 41.2 33.0 49.4

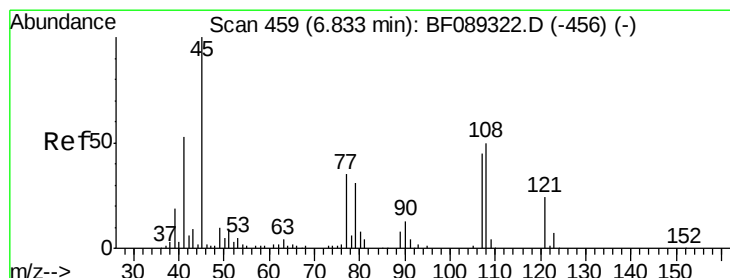
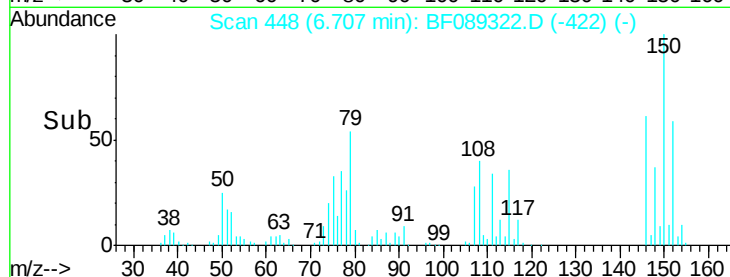
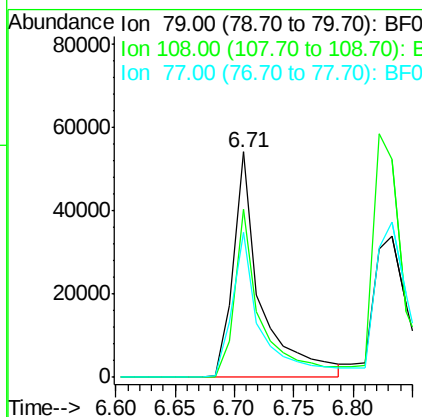
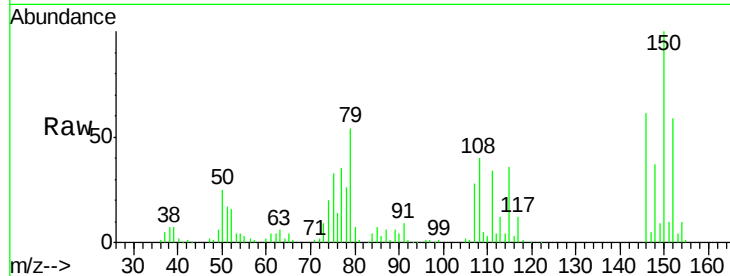




#15
Benzyl Alcohol
Concen: 33.80 ng
RT: 6.71 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF089322.D
Acq: 27 Jul 2016 10:55

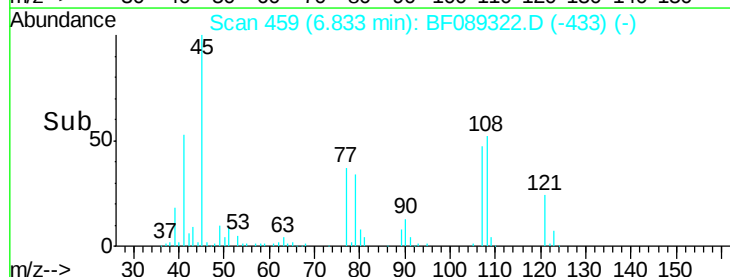
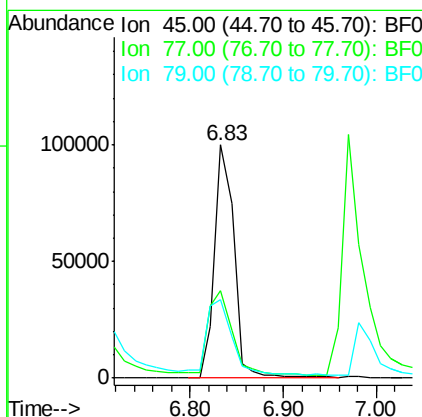
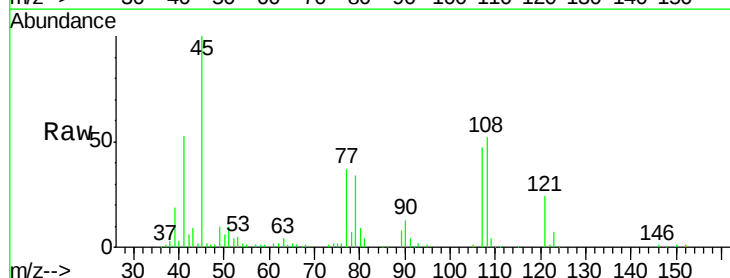
Instrument :
BNA_F
ClientSampled :

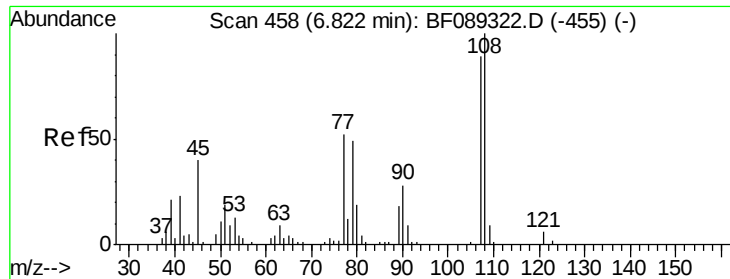
Tot Ion: 79 Resp: 87805
Ion Ratio Lower Upper
79 100
108 74.7 59.8 89.6
77 64.6 51.7 77.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.18 ng
RT: 6.83 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF089322.D
Acq: 27 Jul 2016 10:55

Tgt Ion: 45 Resp: 145295
Ion Ratio Lower Upper
45 100
77 37.3 17.3 57.3
79 33.9 13.9 53.9

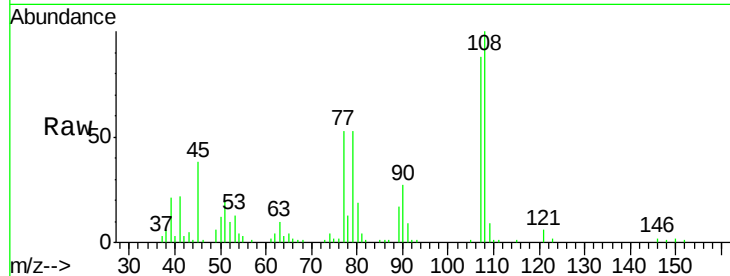




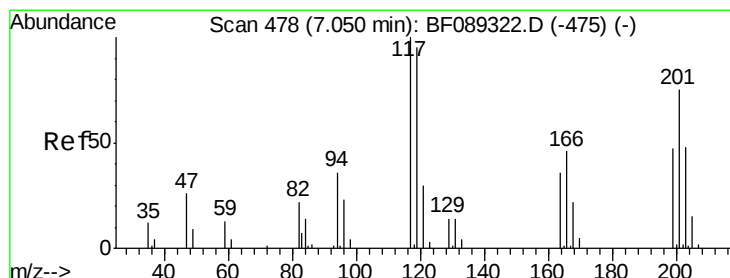
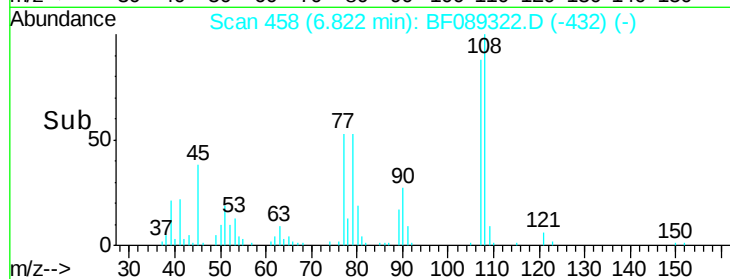
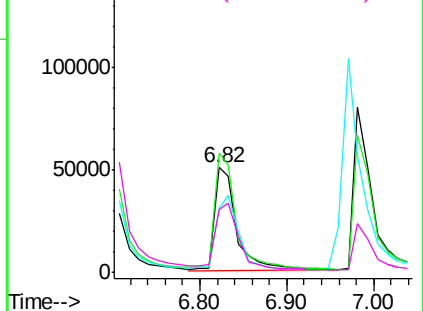
#17
2-Methylphenol
Concen: 36.62 ng
RT: 6.82 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF089322.D
Acq: 27 Jul 2016 10:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 89584
Ion Ratio Lower Upper
107 100
108 114.2 91.4 137.0
77 60.8 48.6 73.0
79 60.3 48.2 72.4

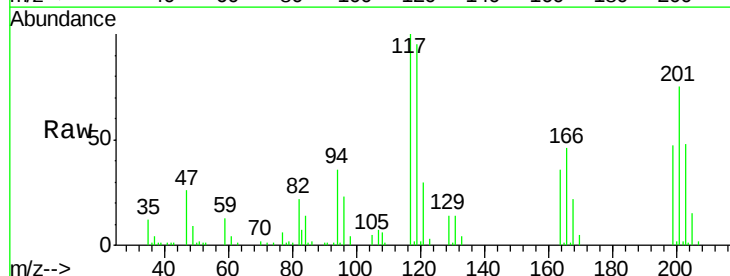


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

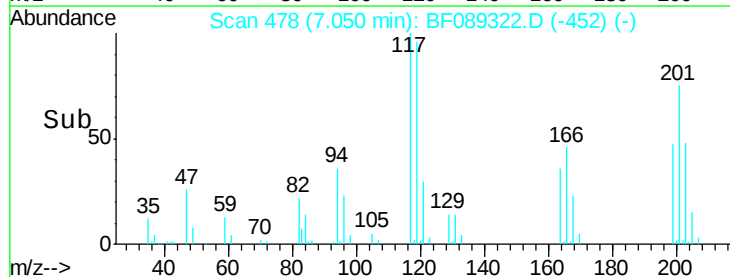
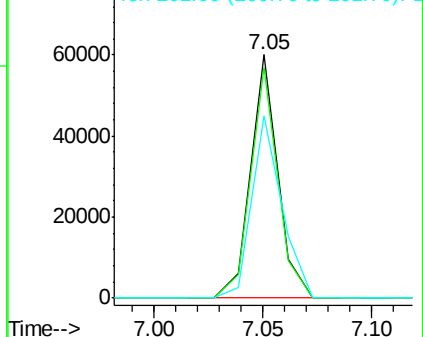


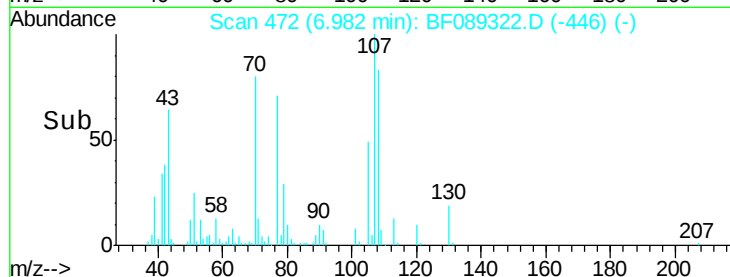
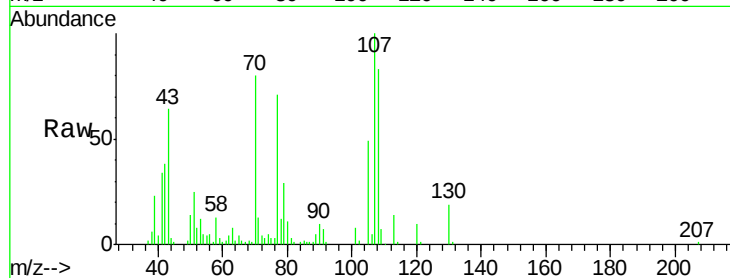
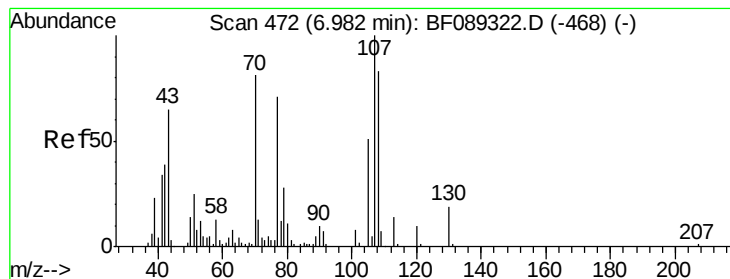
#18
Hexachloroethane
Concen: 39.28 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.00 min
Lab File: BF089322.D
Acq: 27 Jul 2016 10:55

Tgt Ion:117 Resp: 51918
Ion Ratio Lower Upper
117 100
119 95.0 76.0 114.0
201 75.0 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: 36.60 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 85913

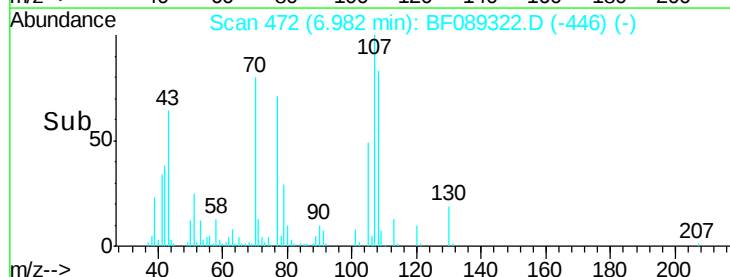
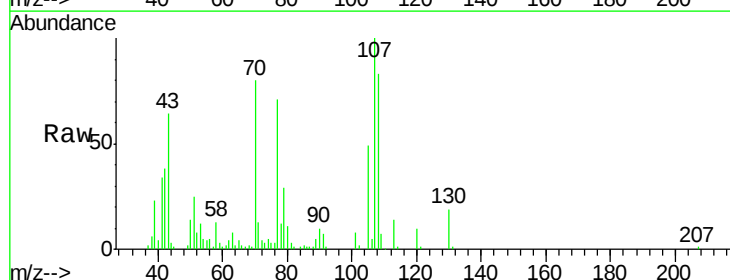
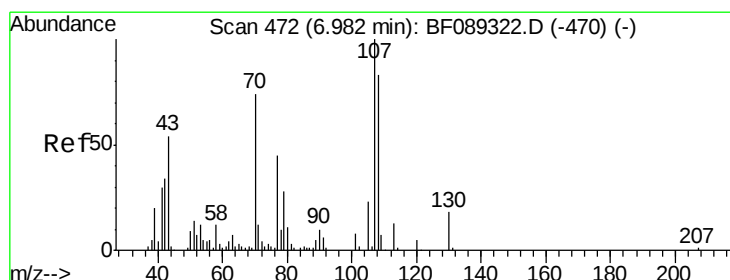
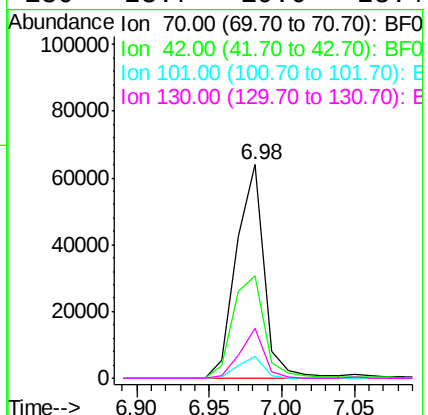
Ion Ratio Lower Upper

70 100

42 48.2 38.6 57.8

101 10.4 8.3 12.5

130 23.7 19.0 28.4



#20

3+4-Methylphenols

Concen: 37.35 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

Tgt Ion: 107 Resp: 123986

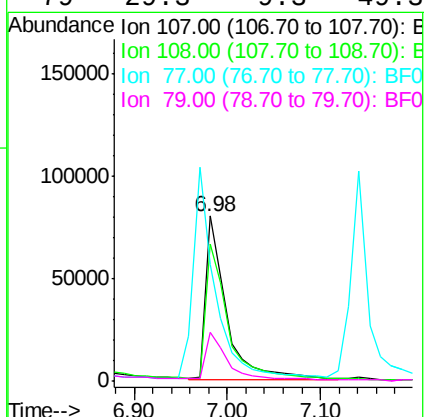
Ion Ratio Lower Upper

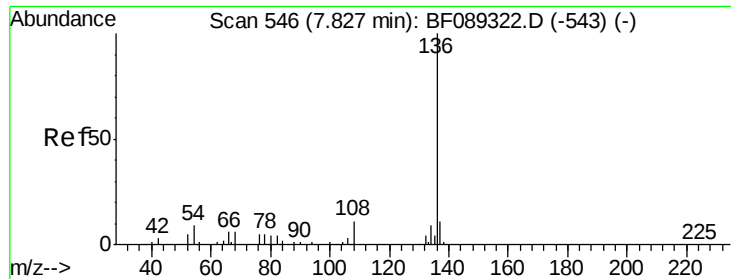
107 100

108 83.3 63.3 103.3

77 71.1 51.1 91.1

79 29.3 9.3 49.3

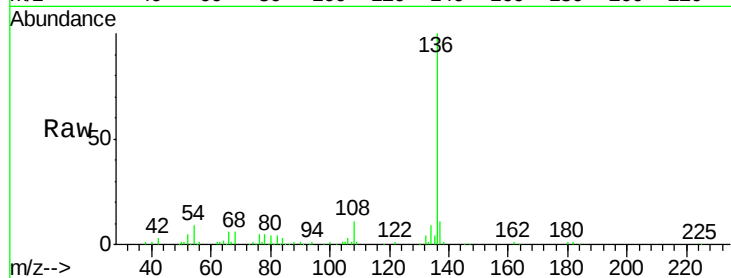




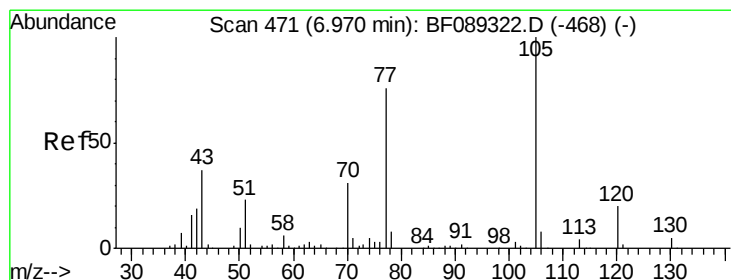
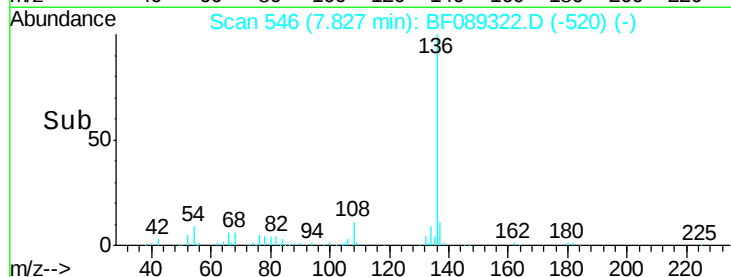
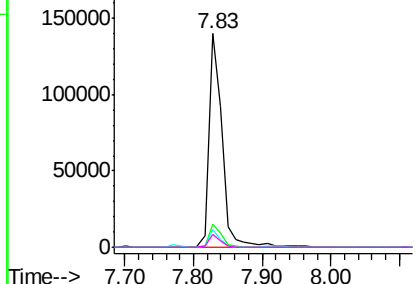
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF089322.D
Acq: 27 Jul 2016 10:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	186219
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.6 13.0
54	8.7	7.0 10.4
68	6.1	4.9 7.3

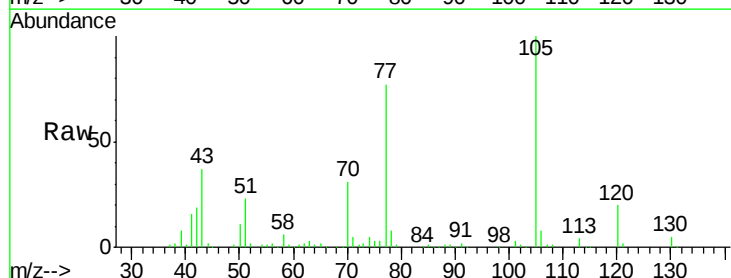


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

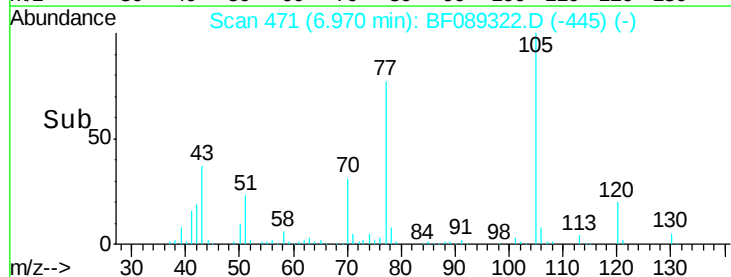
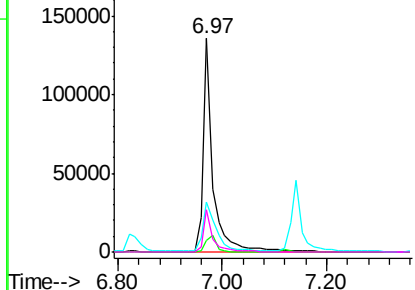


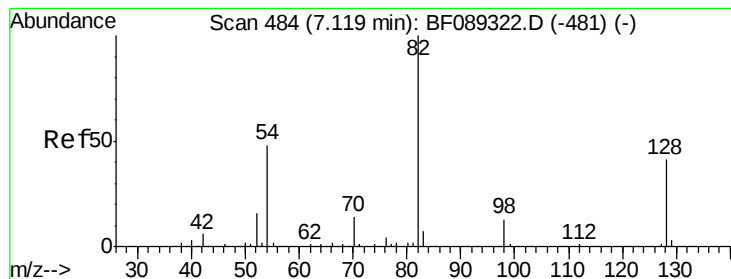
#22
Acetophenone
Concen: 36.31 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF089322.D
Acq: 27 Jul 2016 10:55

Tgt Ion:105	Resp:	177516
Ion	Ratio	Lower Upper
105	100	
71	5.2	4.2 6.2
51	23.4	18.7 28.1
120	19.7	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: 73.35 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

Instrument :

BNA_F

ClientSampled :

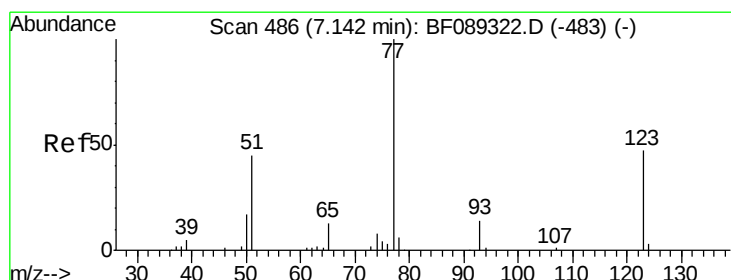
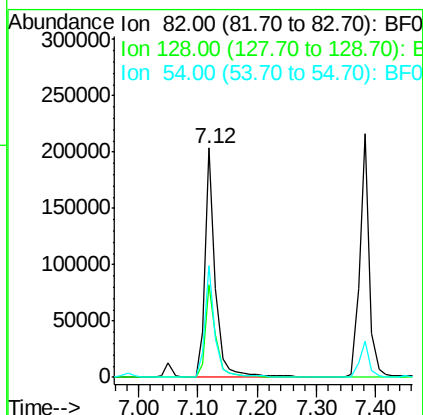
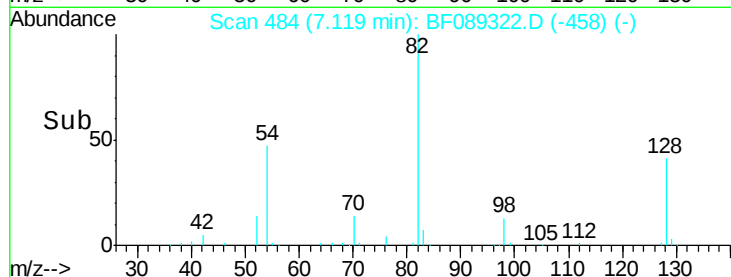
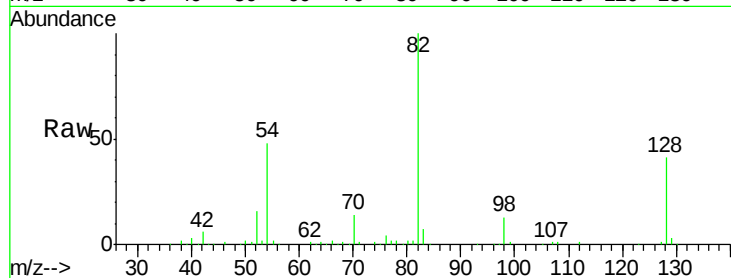
Tot Ion: 82 Resp: 255227

Ion Ratio Lower Upper

82 100

128 40.6 32.5 48.7

54 48.5 38.8 58.2



#24

Nitrobenzene

Concen: 38.53 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

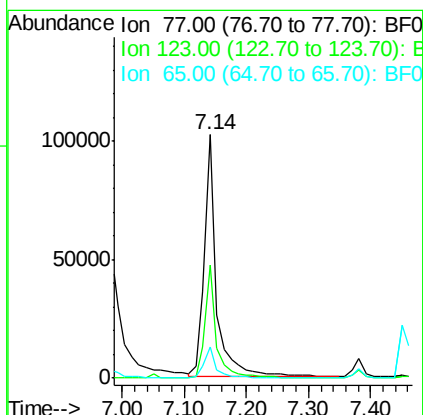
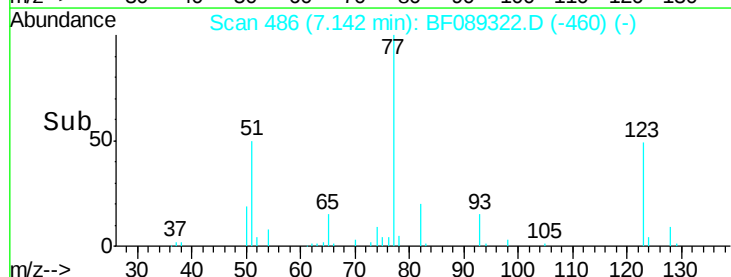
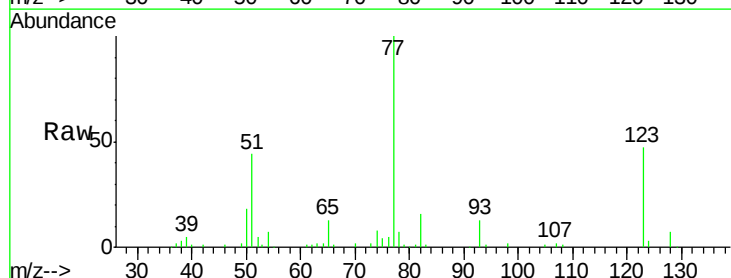
Tgt Ion: 77 Resp: 140888

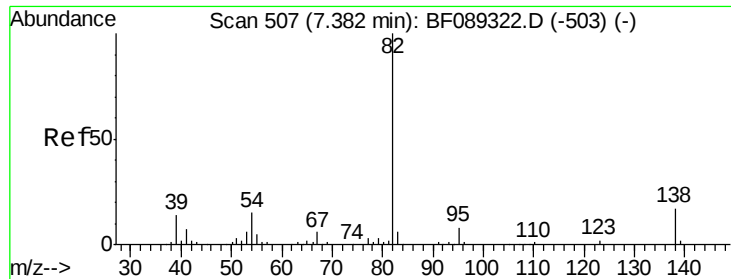
Ion Ratio Lower Upper

77 100

123 46.5 37.2 55.8

65 12.8 10.2 15.4





#25

Isophorone

Concen: 37.78 ng

RT: 7.38 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

Instrument :

BNA_F

ClientSampled :

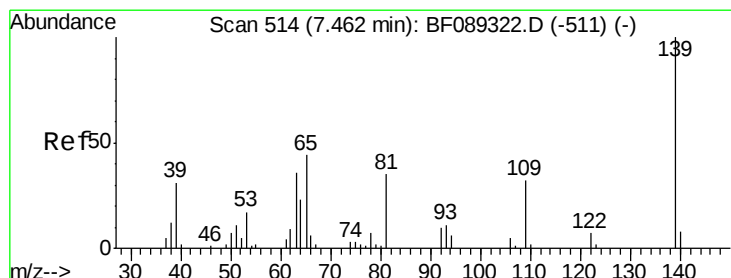
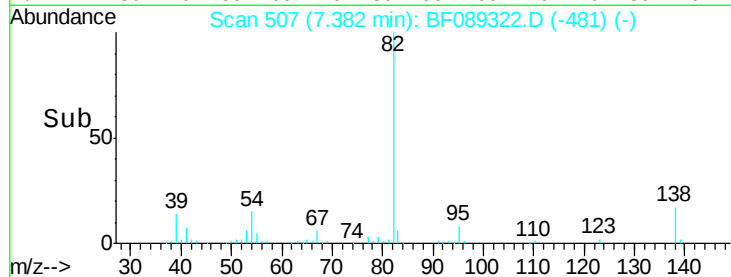
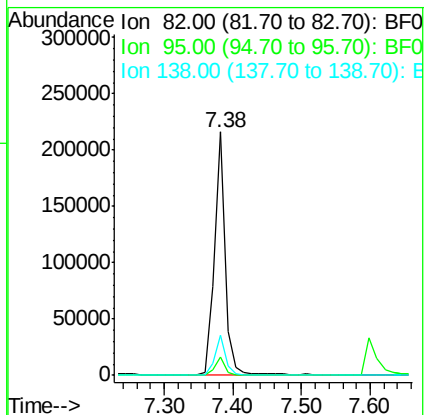
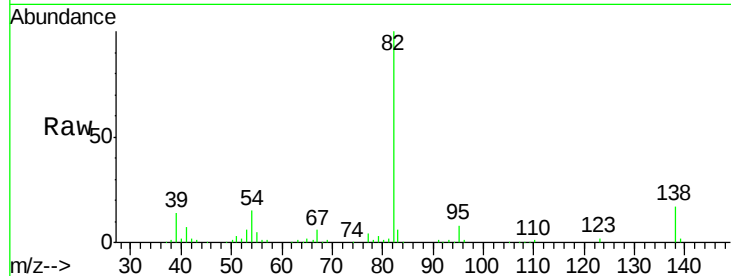
Tot Ion: 82 Resp: 242648

Ion Ratio Lower Upper

82 100

95 7.5 6.0 9.0

138 16.6 13.3 19.9



#26

2-Nitrophenol

Concen: 35.98 ng

RT: 7.46 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

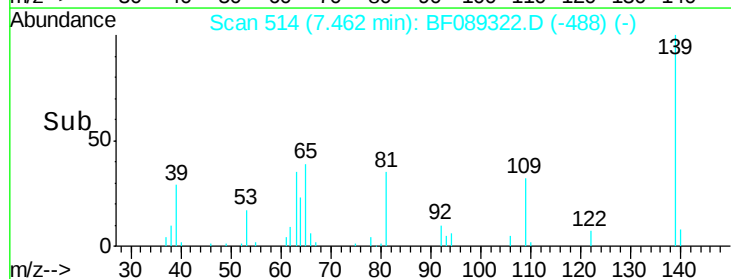
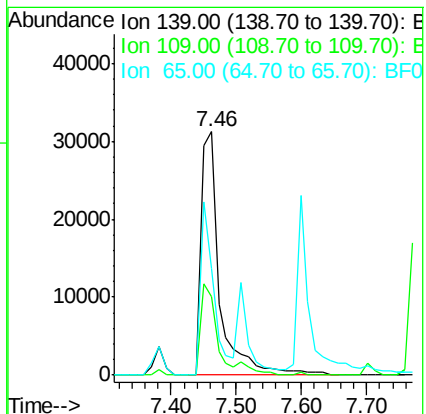
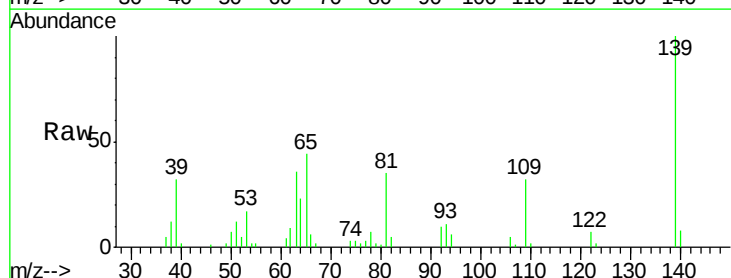
Tgt Ion: 139 Resp: 61505

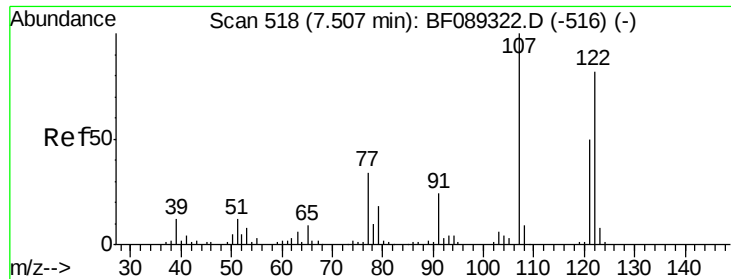
Ion Ratio Lower Upper

139 100

109 32.3 25.8 38.8

65 44.0 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 35.42 ng

RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

Instrument :

BNA_F

ClientSampled :

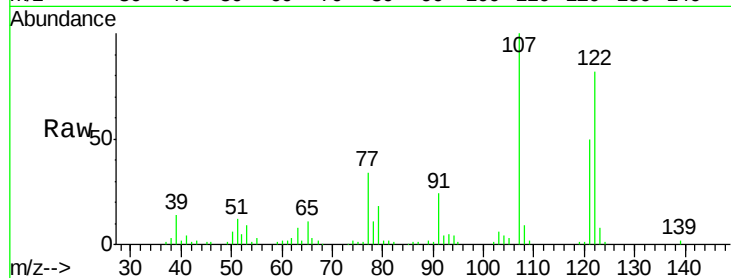
Tot Ion:122 Resp: 102019

Ion Ratio Lower Upper

122 100

107 121.5 97.2 145.8

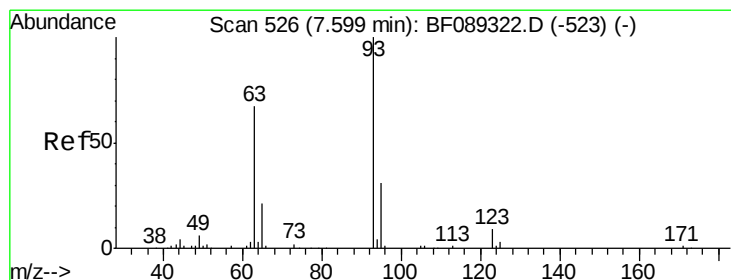
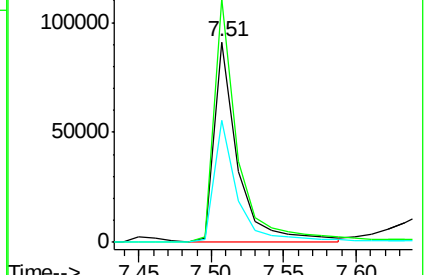
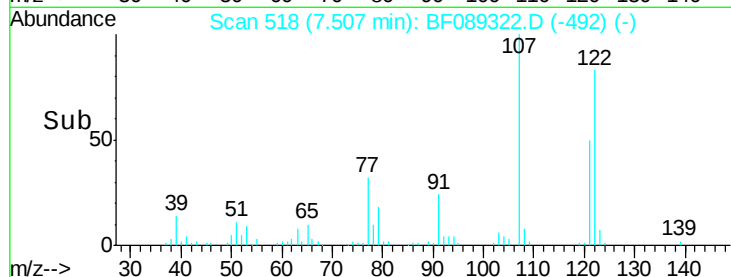
121 61.0 48.8 73.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.36 ng

RT: 7.60 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

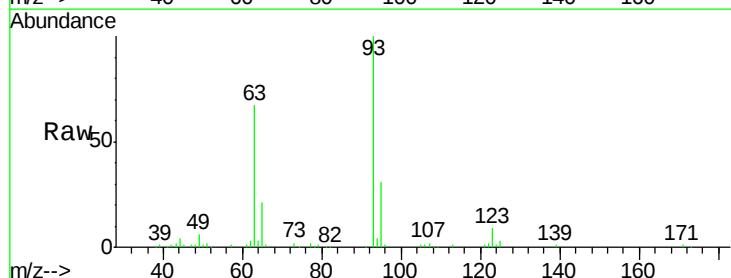
Tgt Ion: 93 Resp: 143368

Ion Ratio Lower Upper

93 100

95 30.9 24.7 37.1

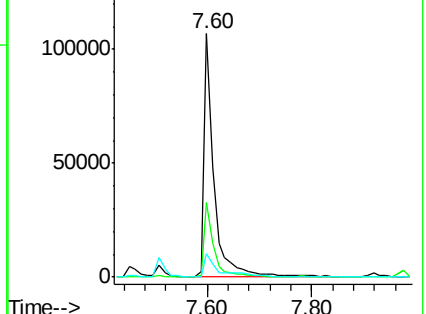
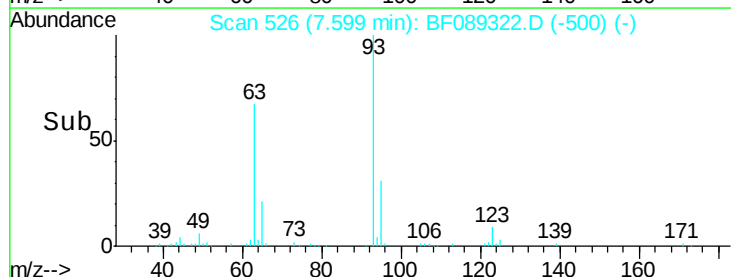
123 9.4 7.5 11.3

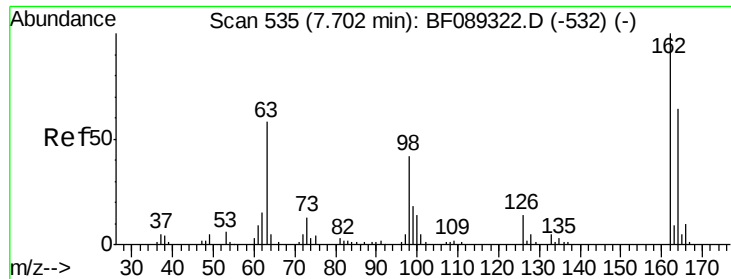


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

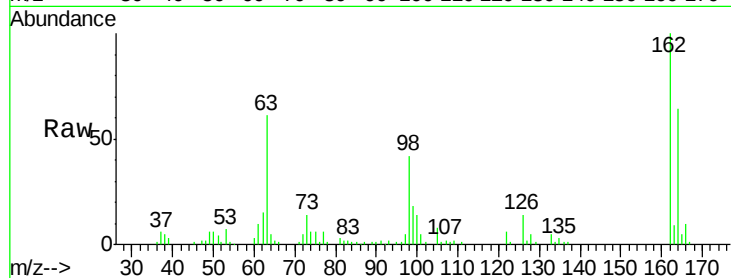




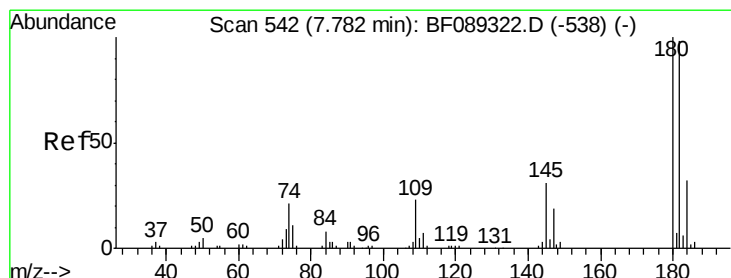
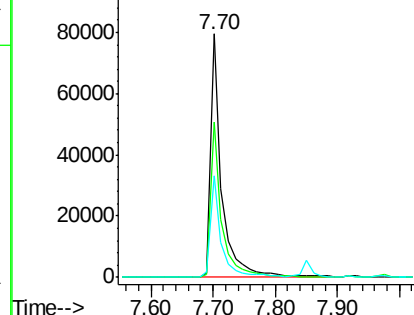
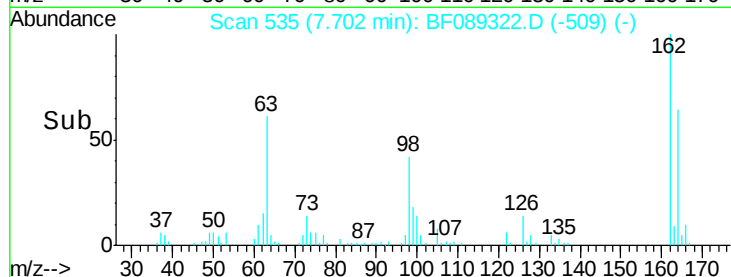
#29
 2,4-Dichlorophenol
 Concen: 37.98 ng
 RT: 7.70 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF089322.D
 Acq: 27 Jul 2016 10:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 98807
 Ion Ratio Lower Upper
 162 100
 164 64.0 44.0 84.0
 98 41.8 21.8 61.8

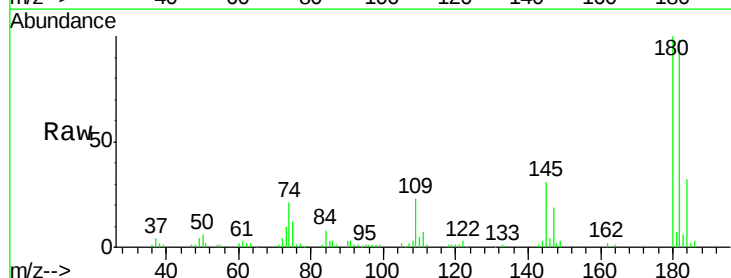


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

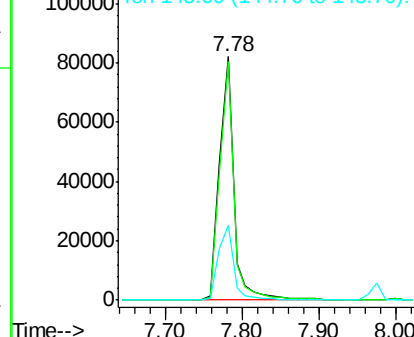
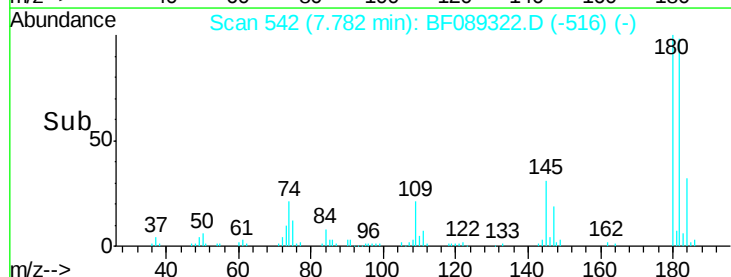


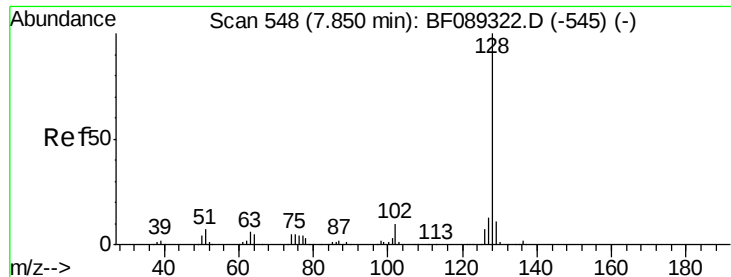
#30
 1,2,4-Trichlorobenzene
 Concen: 37.25 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF089322.D
 Acq: 27 Jul 2016 10:55

Tgt Ion:180 Resp: 106848
 Ion Ratio Lower Upper
 180 100
 182 97.7 78.2 117.2
 145 30.7 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

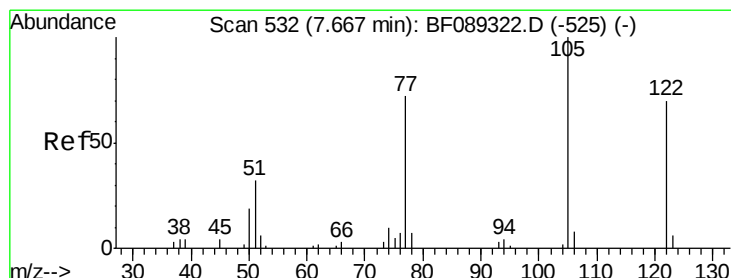
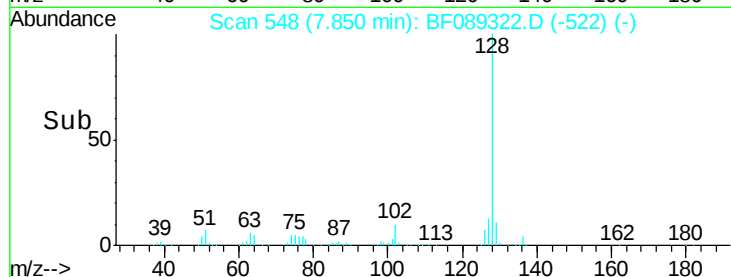
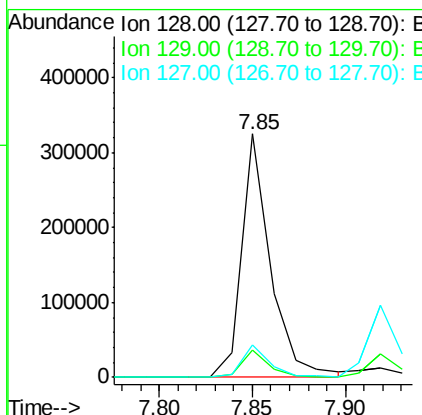
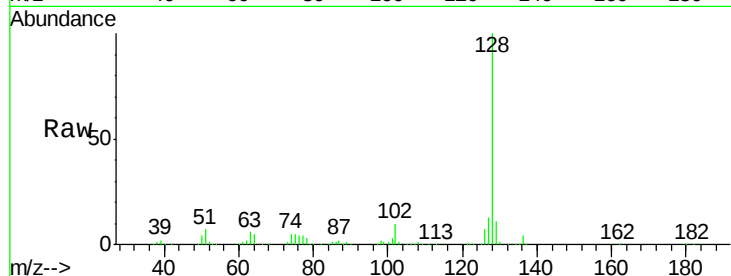




#31
Naphthalene
Concen: 35.16 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF089322.D
Acq: 27 Jul 2016 10:55

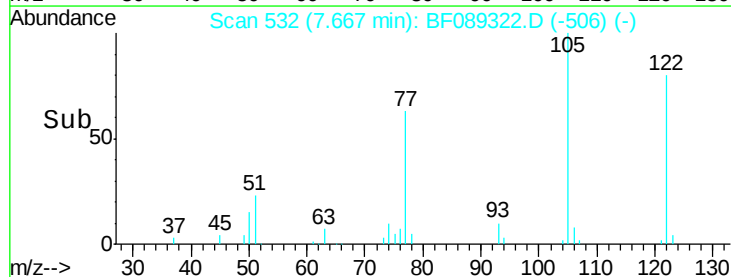
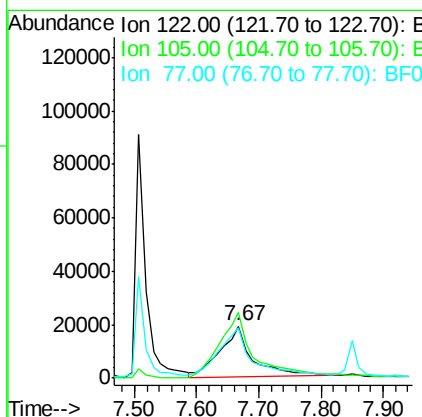
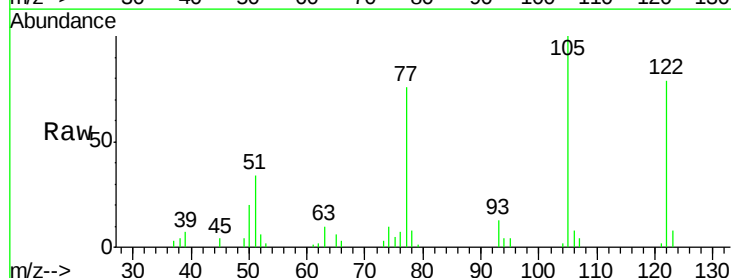
Instrument :
BNA_F
ClientSampleId :

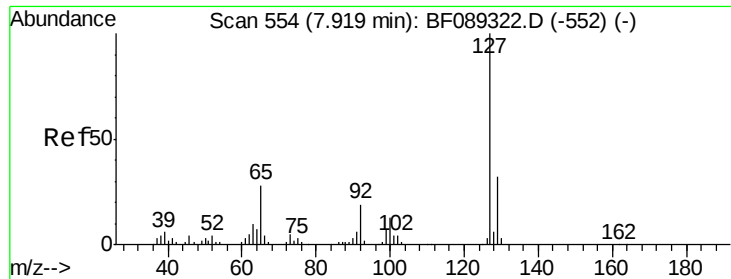
Tot Ion:128 Resp: 350257
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 32.29 ng
RT: 7.67 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF089322.D
Acq: 27 Jul 2016 10:55

Tgt Ion:122 Resp: 69018
Ion Ratio Lower Upper
122 100
105 126.4 106.4 146.4
77 96.4 76.4 116.4

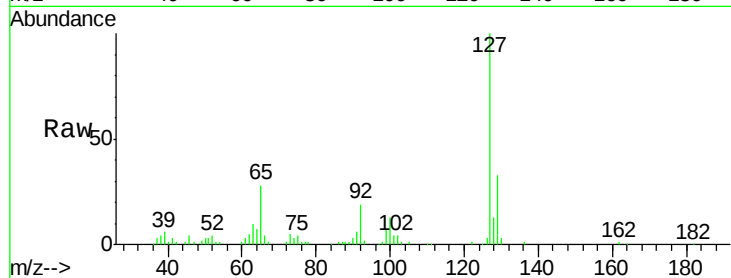




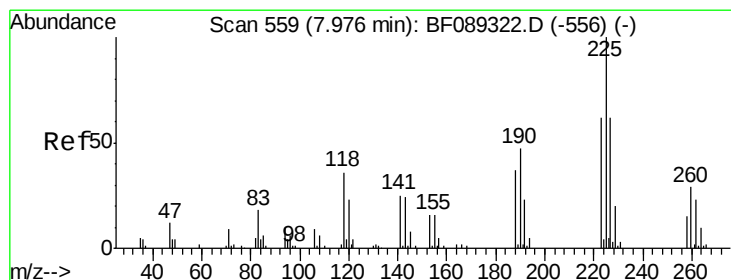
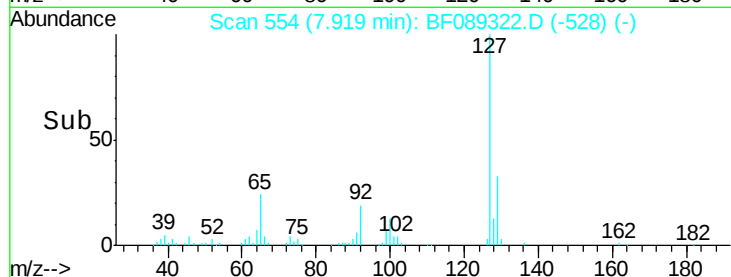
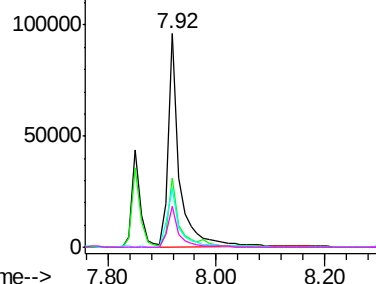
#33
4-Chloroaniline
Concen: 32.75 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF089322.D
Acq: 27 Jul 2016 10:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	134630
Ion Ratio	Lower	Upper
127	100	
129	32.6	26.1 39.1
65	27.5	22.0 33.0
92	19.0	15.2 22.8

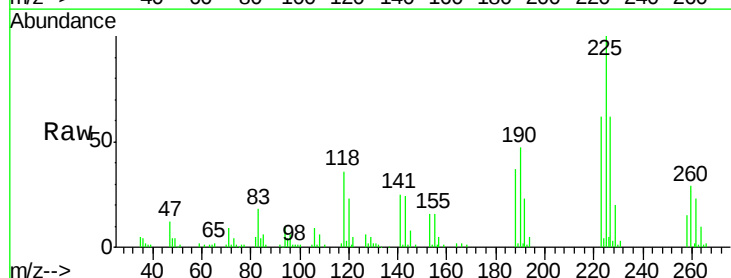


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

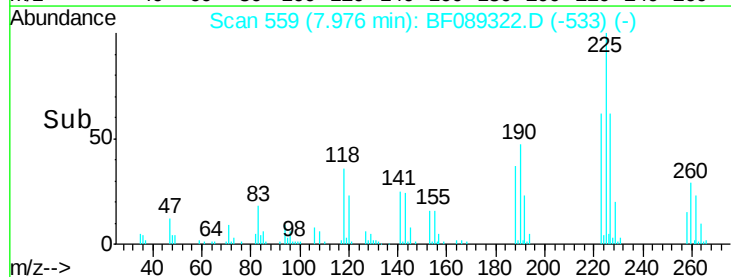
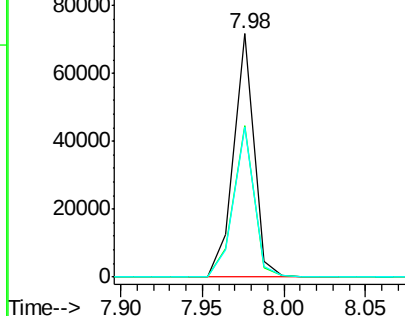


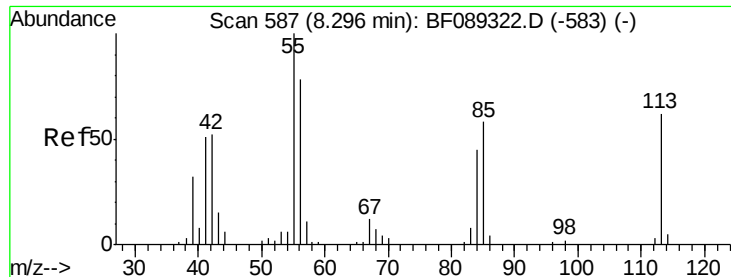
#34
Hexachlorobutadiene
Concen: 38.47 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF089322.D
Acq: 27 Jul 2016 10:55

Tgt Ion:225	Resp:	61649
Ion Ratio	Lower	Upper
225	100	
223	62.3	49.8 74.8
227	61.8	49.4 74.2



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

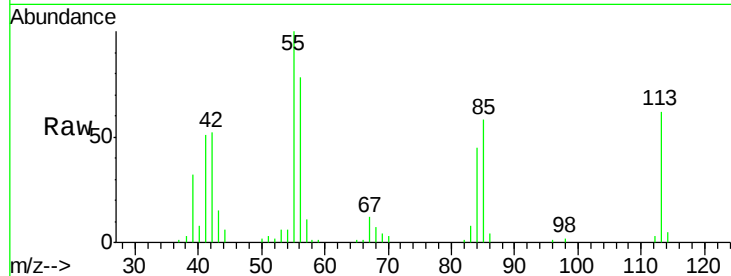




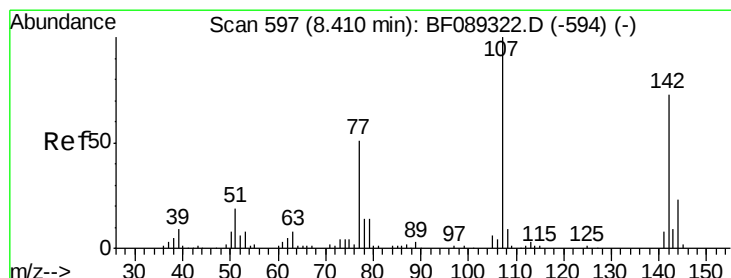
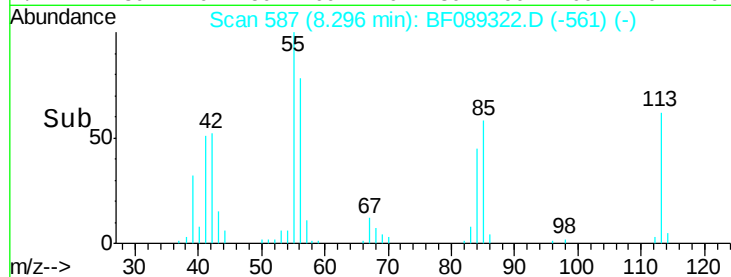
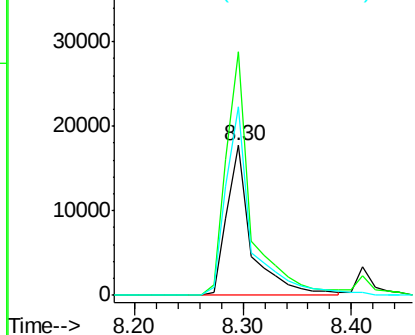
#35
Caprolactam
Concen: 35.24 ng
RT: 8.30 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF089322.D
Acq: 27 Jul 2016 10:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 28152
Ion Ratio Lower Upper
113 100
55 162.3 142.3 182.3
56 125.8 105.8 145.8

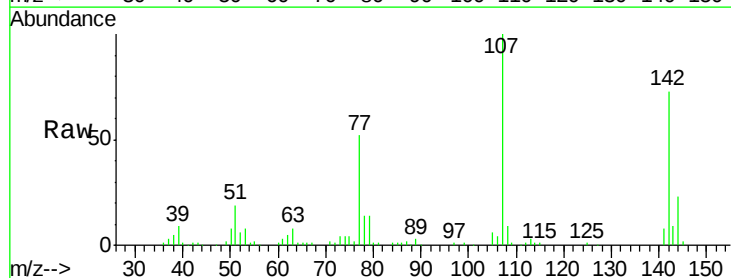


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

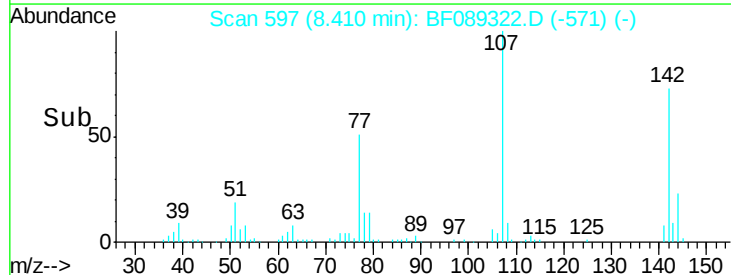
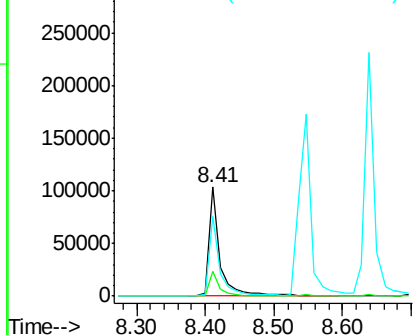


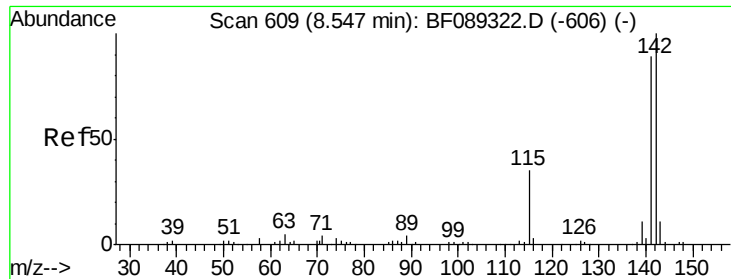
#36
4-Chloro-3-methylphenol
Concen: 37.21 ng
RT: 8.41 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF089322.D
Acq: 27 Jul 2016 10:55

Tgt Ion:107 Resp: 116666
Ion Ratio Lower Upper
107 100
144 23.0 18.4 27.6
142 73.2 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

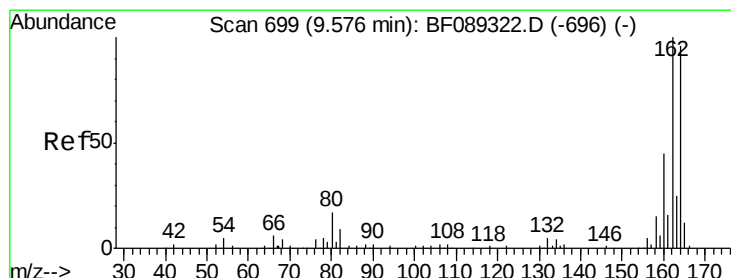
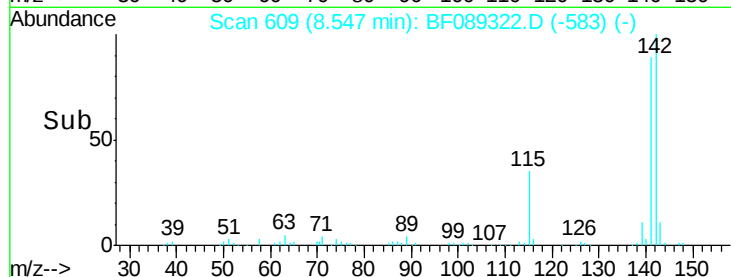
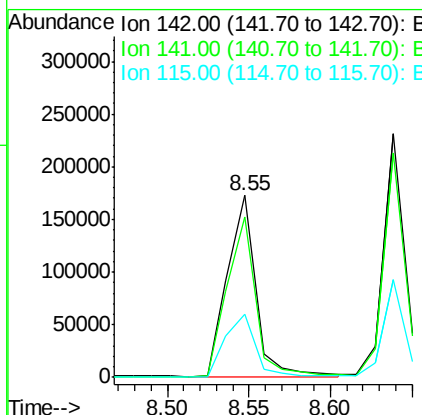
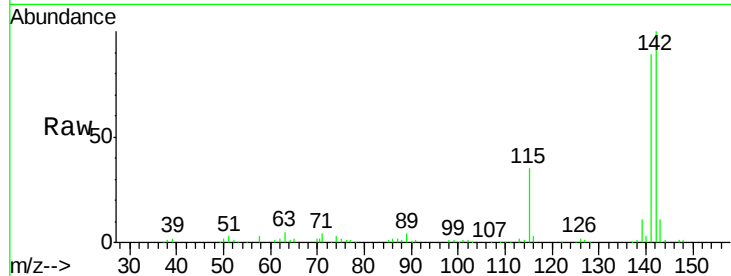




#37
 2-Methylnaphthalene
 Concen: 33.80 ng
 RT: 8.55 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF089322.D
 Acq: 27 Jul 2016 10:55

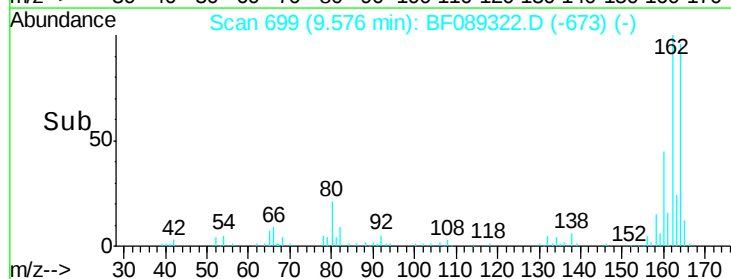
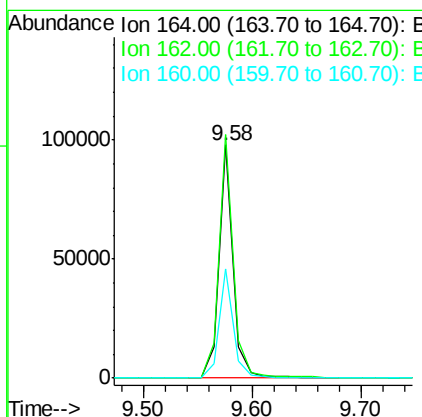
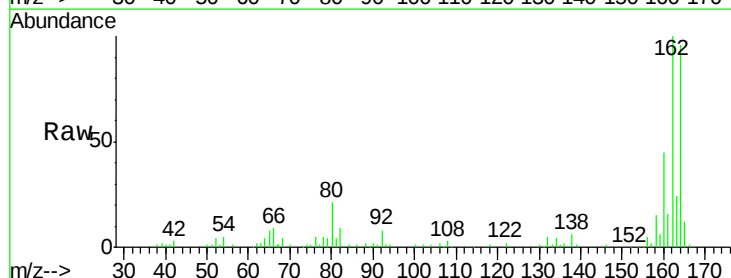
Instrument :
 BNA_F
 ClientSampled :

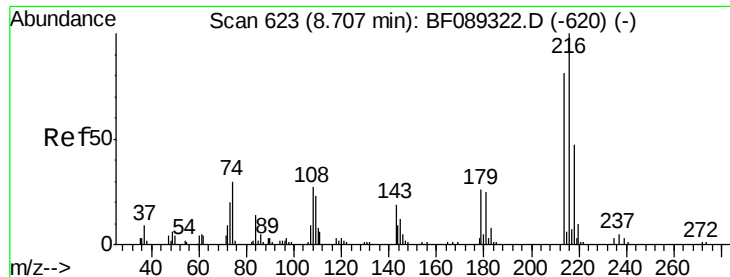
Tot Ion:142 Resp: 211042
 Ion Ratio Lower Upper
 142 100
 141 88.6 70.9 106.3
 115 34.5 27.6 41.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF089322.D
 Acq: 27 Jul 2016 10:55

Tgt Ion:164 Resp: 88858
 Ion Ratio Lower Upper
 164 100
 162 104.6 83.7 125.5
 160 47.2 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.03 ng

RT: 8.71 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 114721

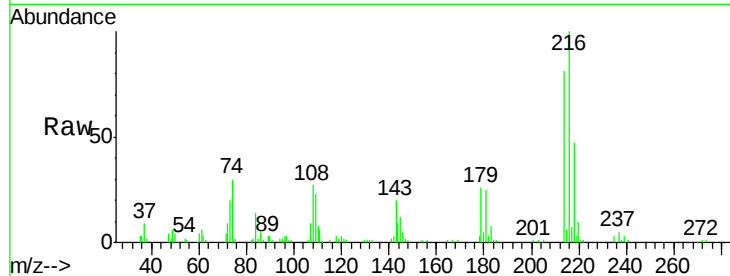
Ion Ratio Lower Upper

216 100

214 79.1 63.3 94.9

179 22.6 18.1 27.1

108 21.5 17.2 25.8

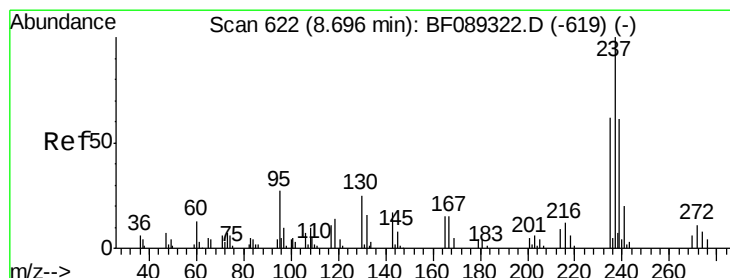
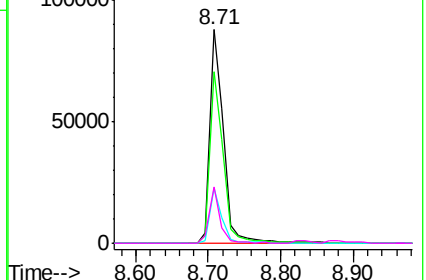
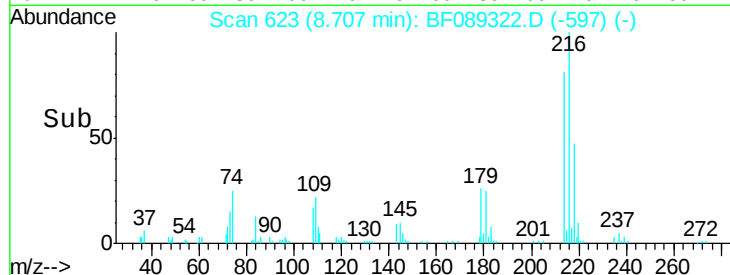


Abundance Ion 216.00 (215.70 to 216.70): E

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: 32.28 ng

RT: 8.70 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

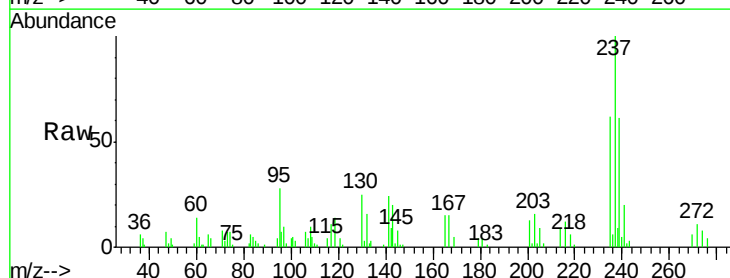
Tgt Ion:237 Resp: 27618

Ion Ratio Lower Upper

237 100

235 61.6 41.6 81.6

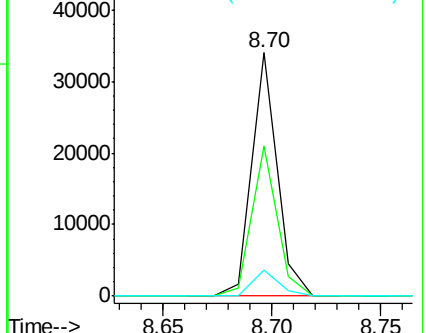
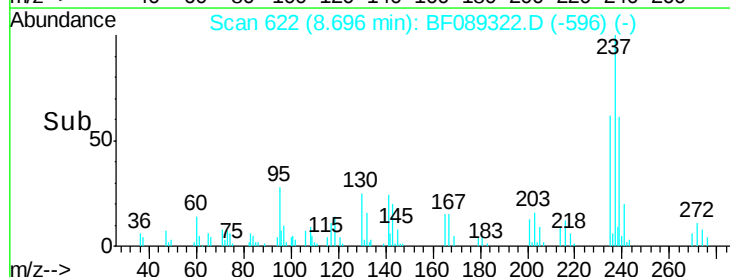
272 10.8 0.0 30.8

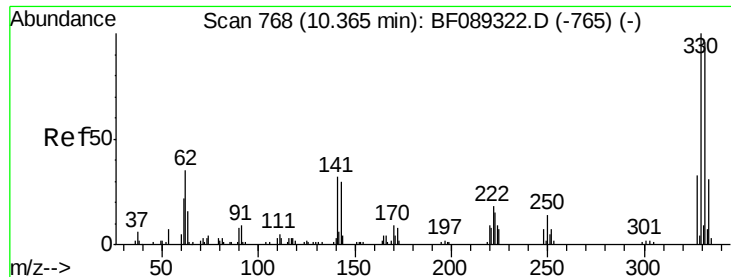


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

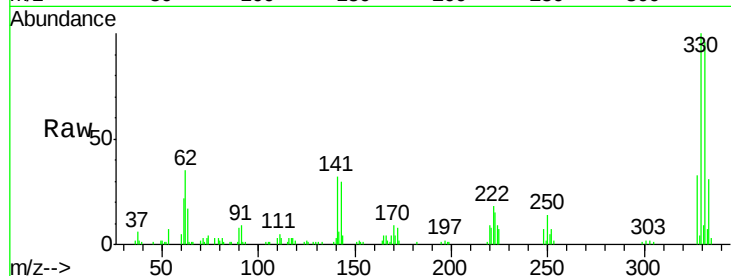




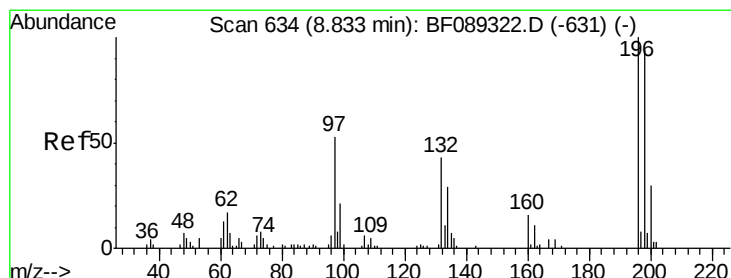
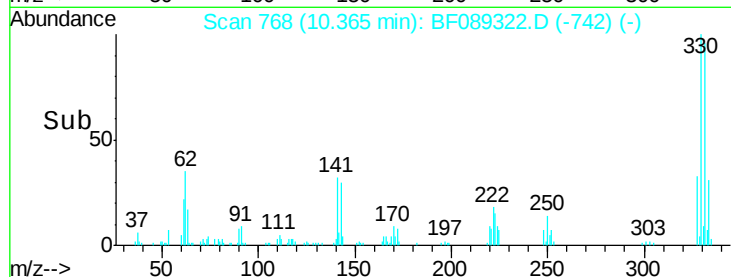
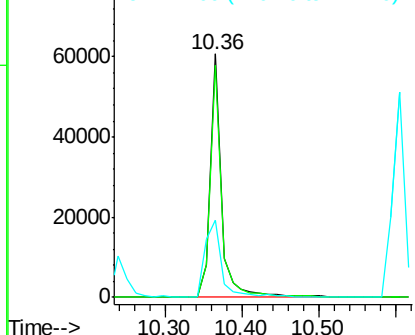
#41
 2,4,6-Tribromophenol
 Concen: 77.06 ng
 RT: 10.36 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF089322.D
 Acq: 27 Jul 2016 10:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 61717
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.8 115.2
 141 46.6 37.3 55.9

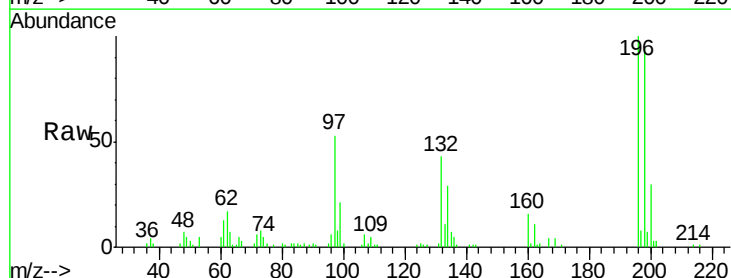


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

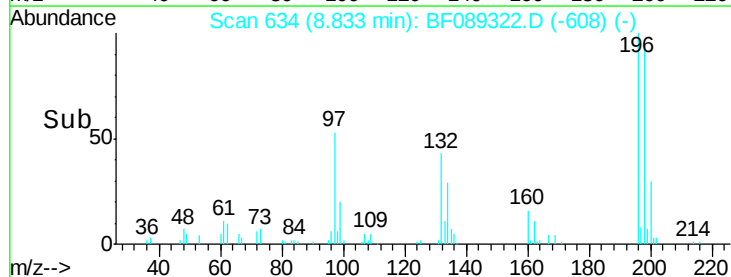
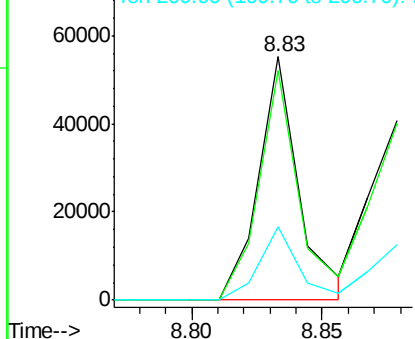


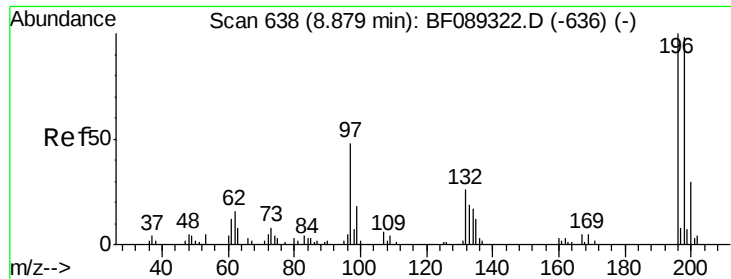
#42
 2,4,6-Trichlorophenol
 Concen: 33.30 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF089322.D
 Acq: 27 Jul 2016 10:55

Tgt Ion:196 Resp: 59645
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.5 113.3
 200 29.9 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

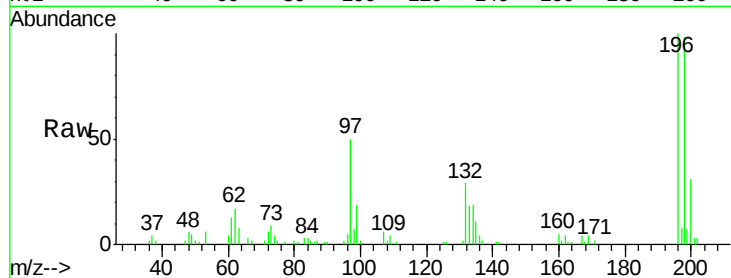




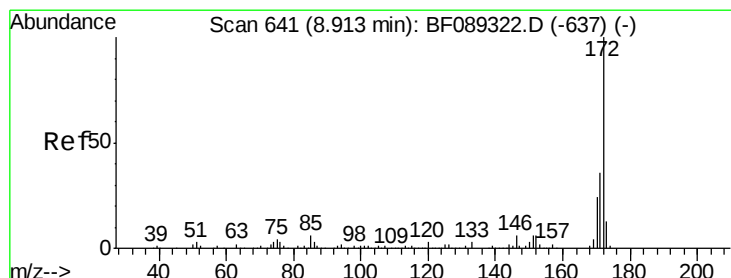
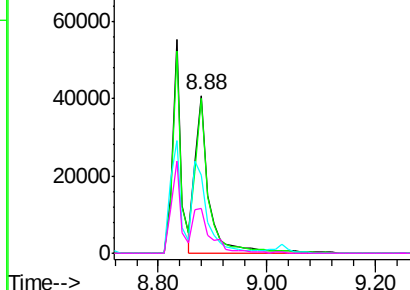
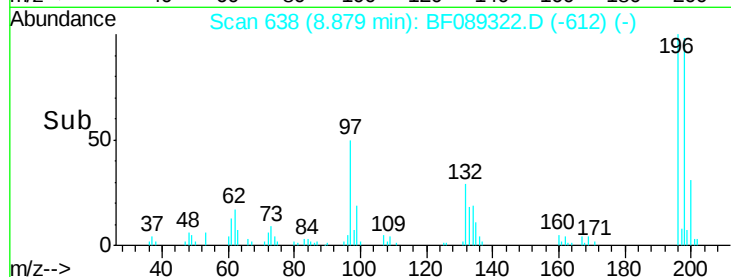
#43
 2,4,5-Trichlorophenol
 Concen: 39.67 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF089322.D
 Acq: 27 Jul 2016 10:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 72728
 Ion Ratio Lower Upper
 196 100
 198 98.4 78.7 118.1
 97 49.6 39.7 59.5
 132 28.5 22.8 34.2

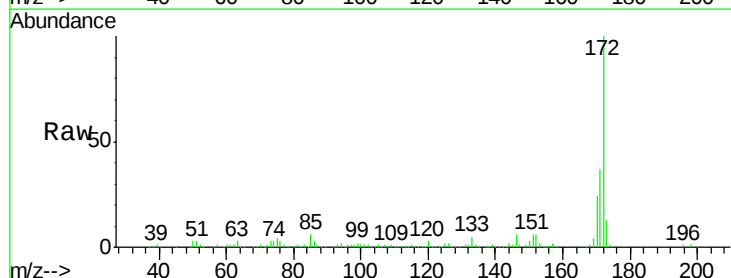


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

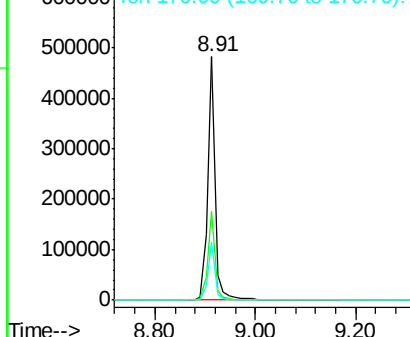
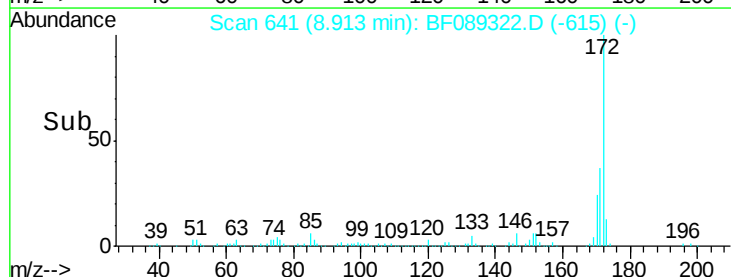


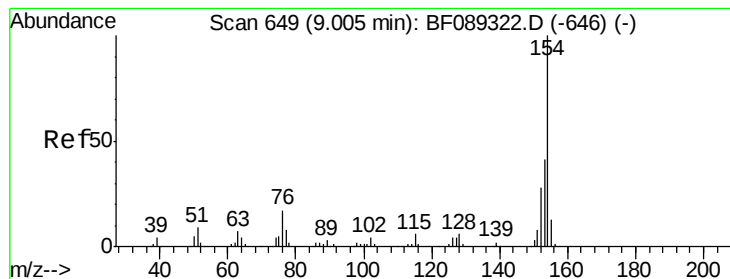
#44
 2-Fluorobiphenyl
 Concen: 77.63 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089322.D
 Acq: 27 Jul 2016 10:55

Tgt Ion:172 Resp: 494383
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.2 43.8
 170 24.0 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: 34.80 ng

RT: 9.00 min Scan# 649

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

Instrument :

BNA_F

ClientSampleId :

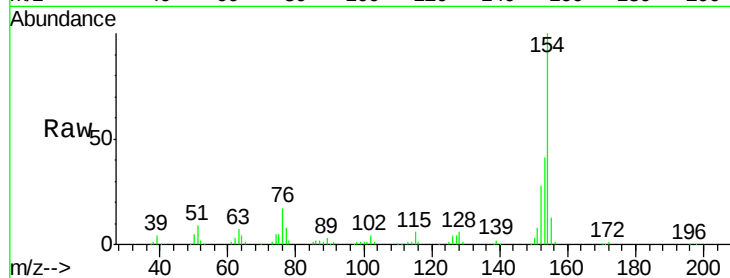
Tot Ion:154 Resp: 276603

Ion Ratio Lower Upper

154 100

153 41.0 21.0 61.0

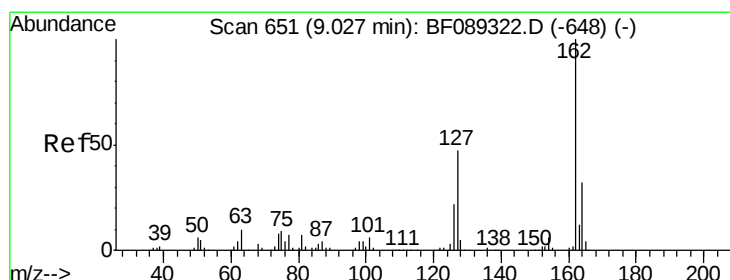
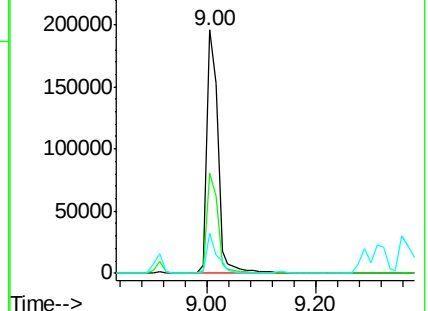
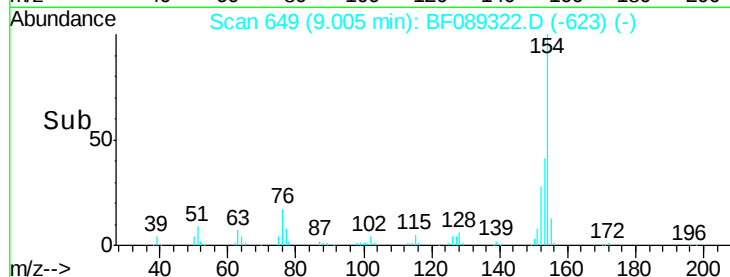
76 16.6 0.0 36.6



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: 36.21 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

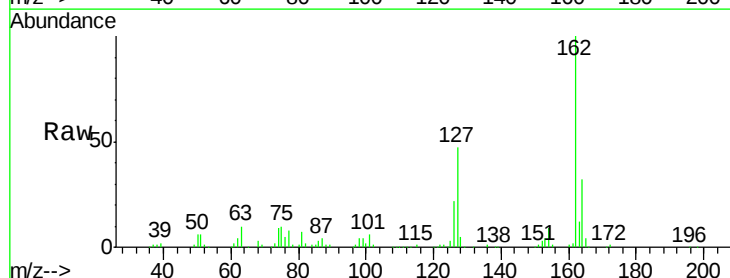
Tgt Ion:162 Resp: 218655

Ion Ratio Lower Upper

162 100

127 47.3 37.8 56.8

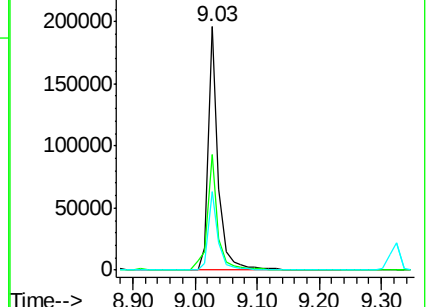
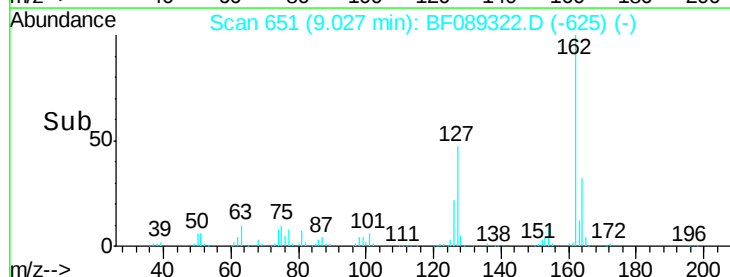
164 32.3 25.8 38.8

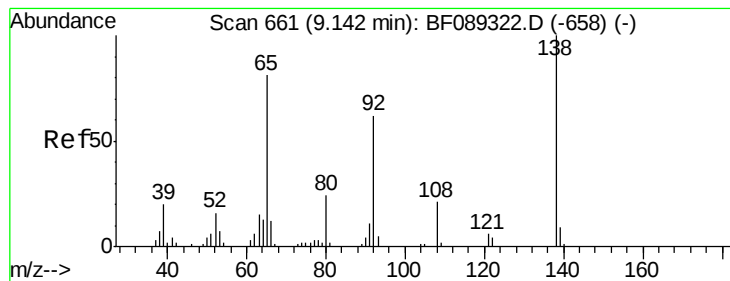


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 31.94 ng

RT: 9.14 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

Instrument :

BNA_F

ClientSampleId :

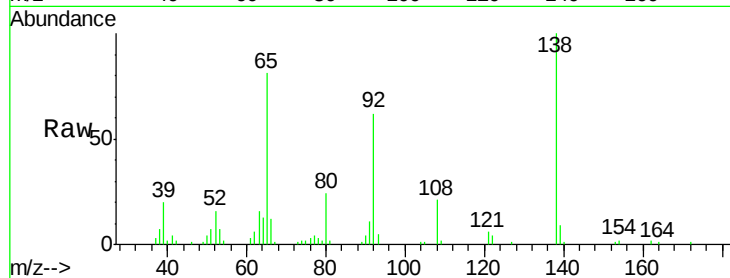
Tot Ion: 65 Resp: 65086

Ion Ratio Lower Upper

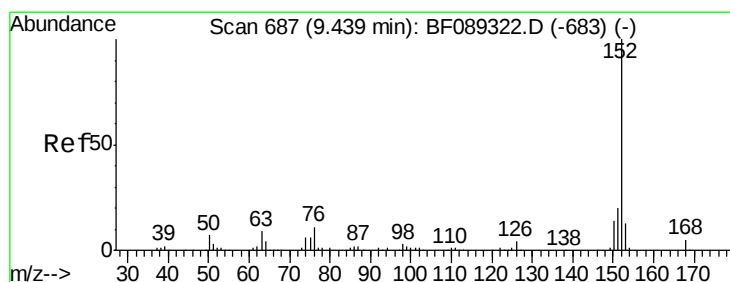
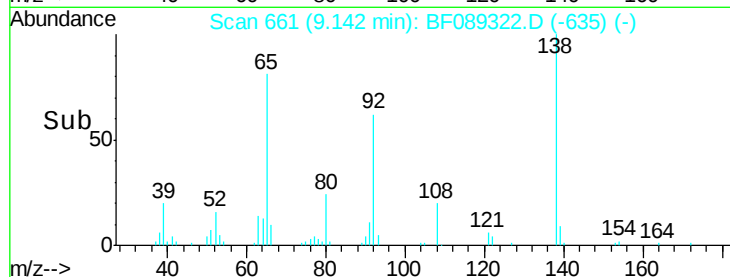
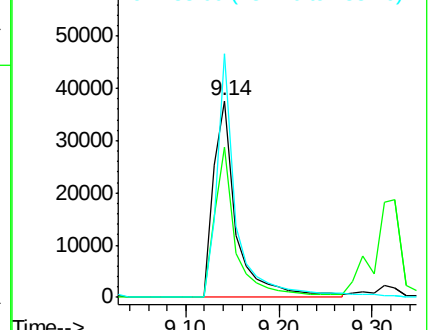
65 100

92 76.2 61.0 91.4

138 123.9 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: 37.89 ng

RT: 9.44 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

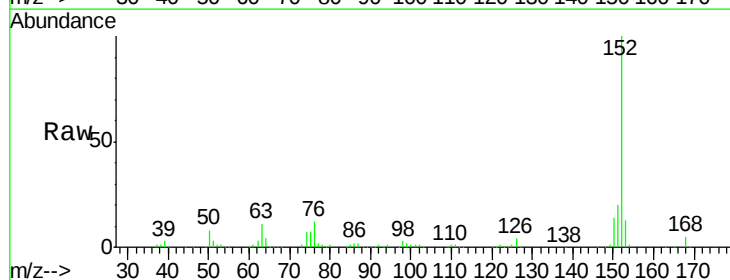
Tgt Ion: 152 Resp: 362025

Ion Ratio Lower Upper

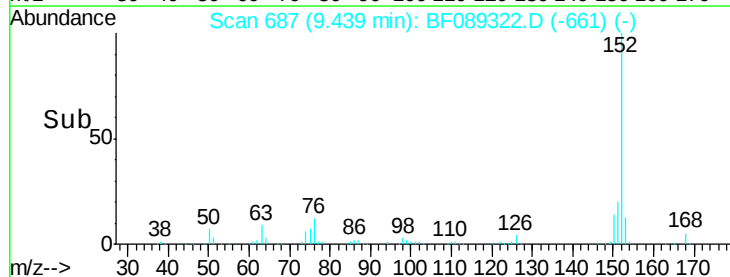
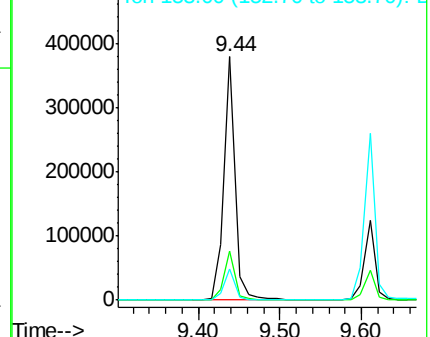
152 100

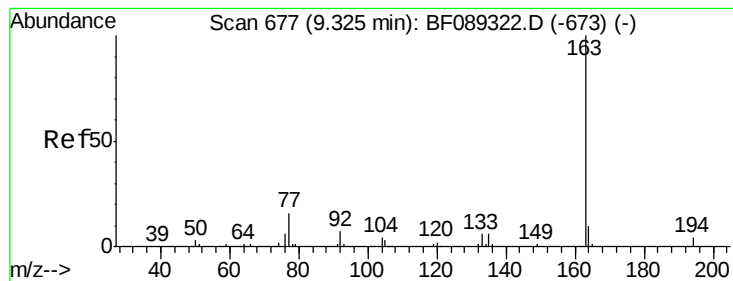
151 20.2 16.2 24.2

153 12.8 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: 39.16 ng

RT: 9.32 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

Instrument :

BNA_F

ClientSampled :

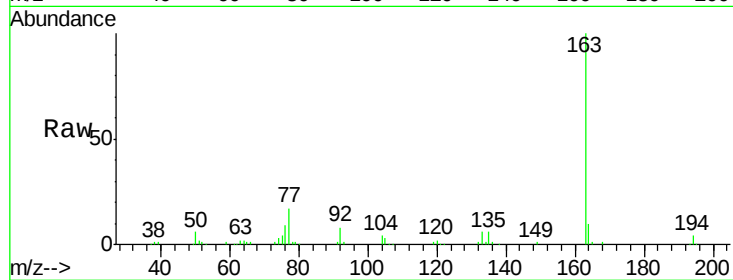
Tot Ion:163 Resp: 264587

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

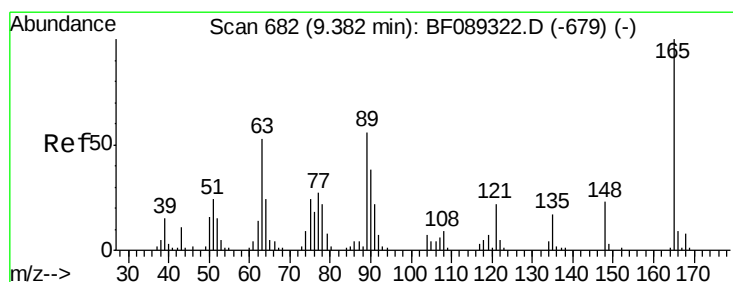
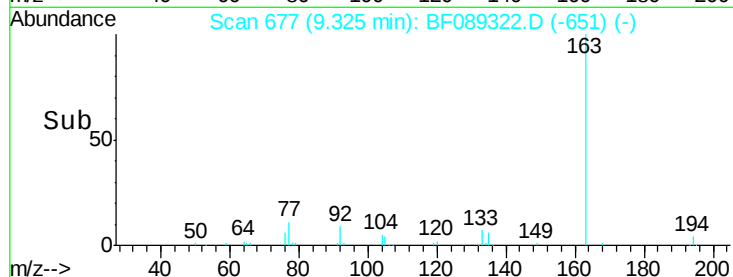
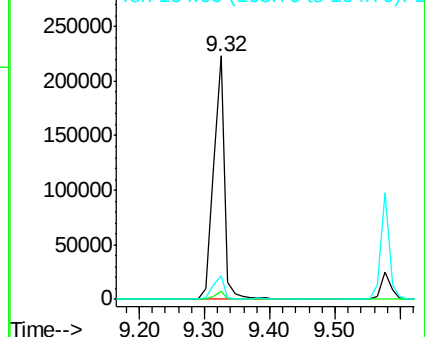
164 9.8 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.96 ng

RT: 9.38 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

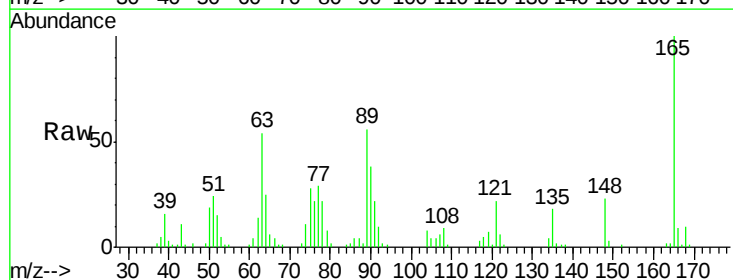
Tgt Ion:165 Resp: 59091

Ion Ratio Lower Upper

165 100

63 54.4 43.5 65.3

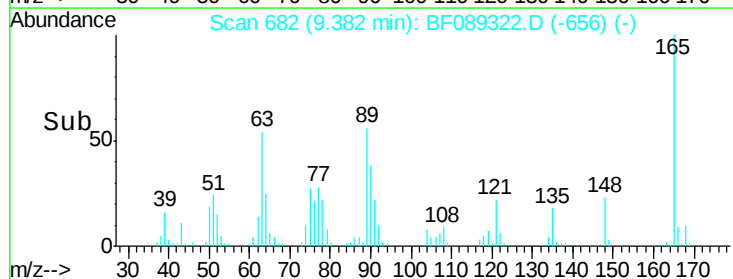
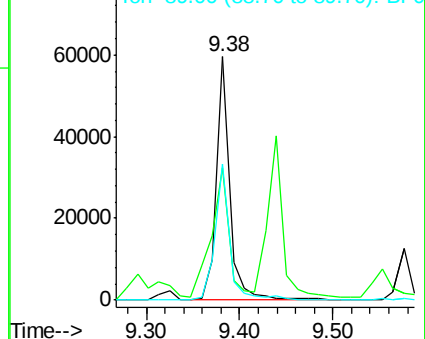
89 56.2 45.0 67.4

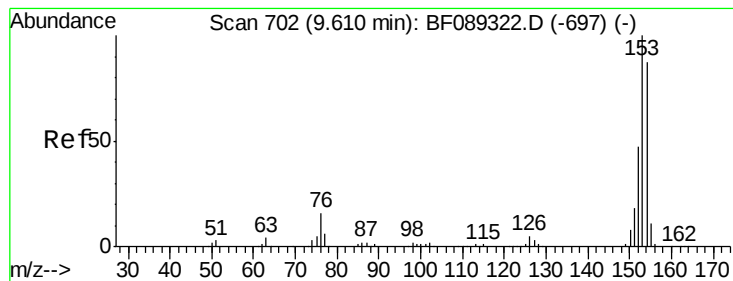


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.87 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

Instrument :

BNA_F

ClientSampleId :

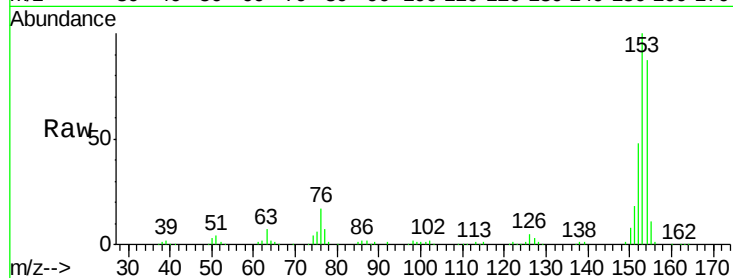
Tot Ion:154 Resp: 207173

Ion Ratio Lower Upper

154 100

153 114.3 91.4 137.2

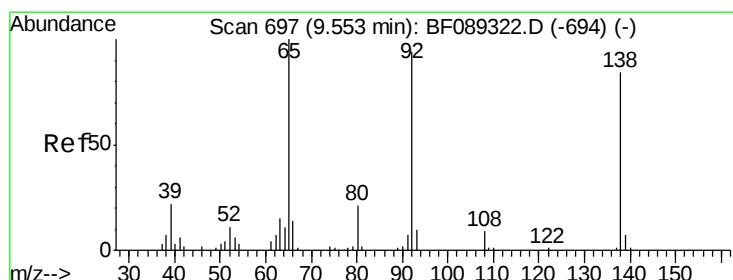
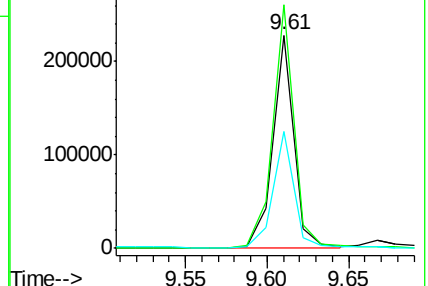
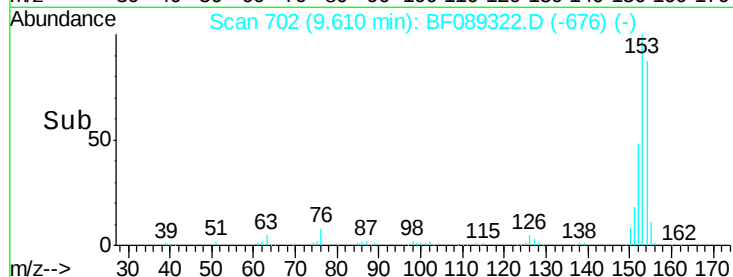
152 54.7 43.8 65.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 33.69 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

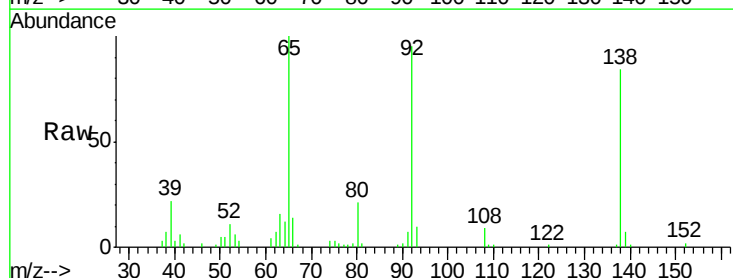
Tgt Ion:138 Resp: 59407

Ion Ratio Lower Upper

138 100

108 10.8 8.6 13.0

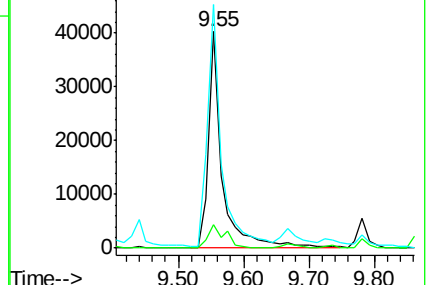
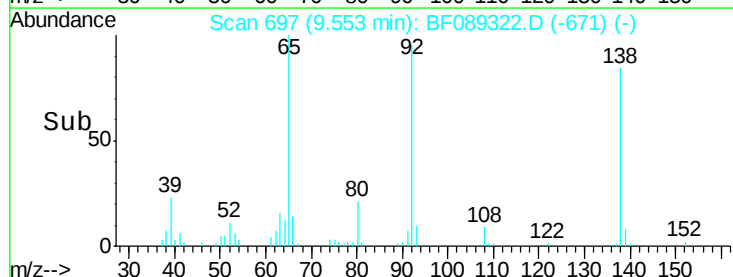
92 112.5 90.0 135.0

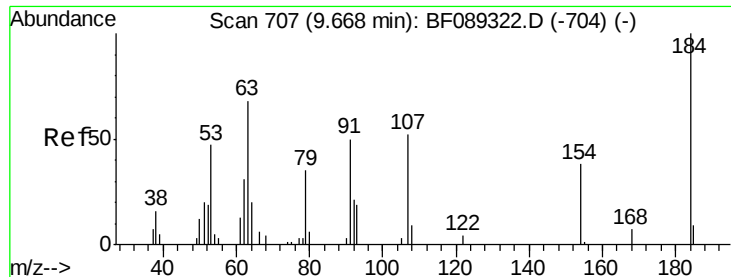


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

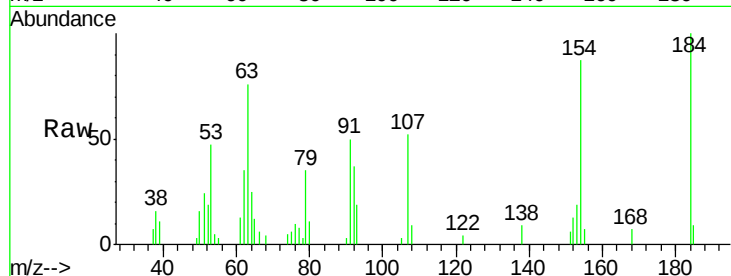




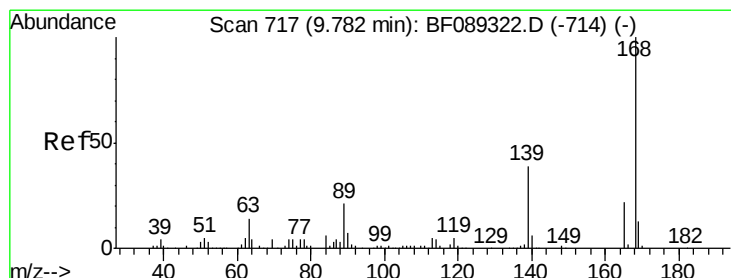
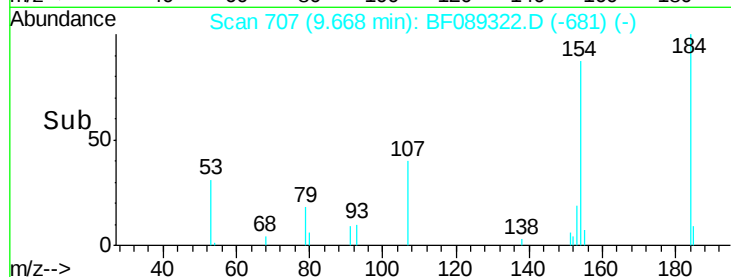
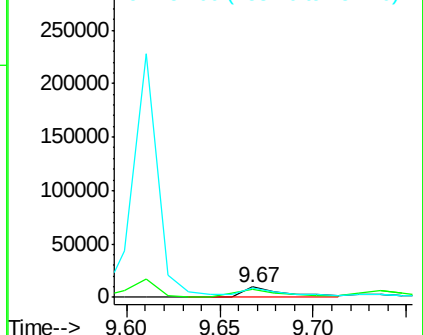
#53
2,4-Dinitrophenol
Concen: 27.80 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF089322.D
Acq: 27 Jul 2016 10:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 16191
Ion Ratio Lower Upper
184 100
63 75.7 60.6 90.8
154 87.3 69.8 104.8

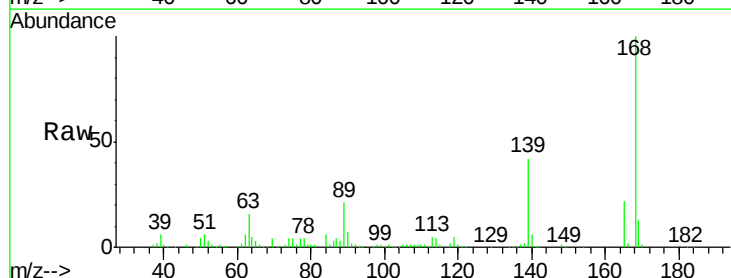


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

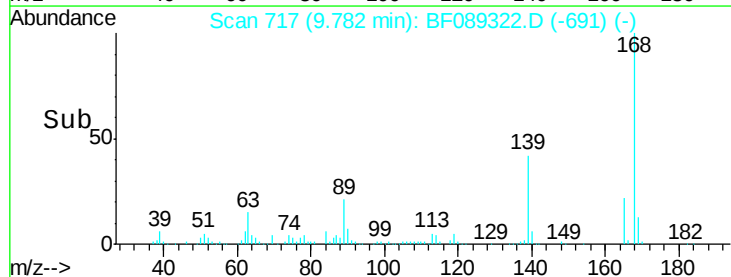
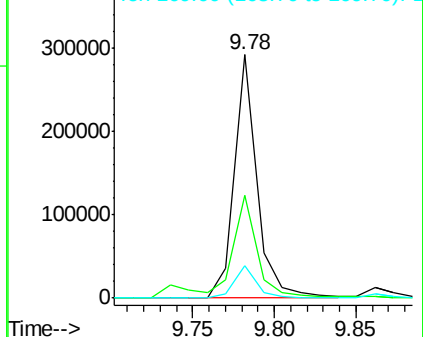


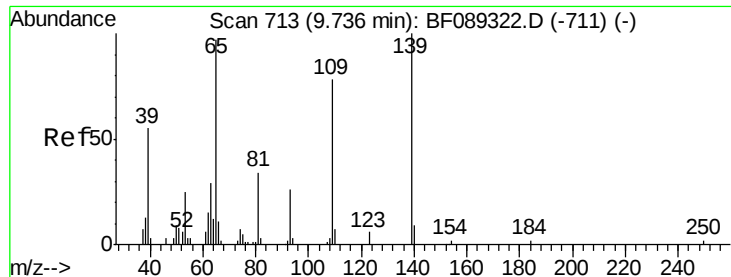
#54
Dibenzofuran
Concen: 36.76 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF089322.D
Acq: 27 Jul 2016 10:55

Tgt Ion:168 Resp: 278320
Ion Ratio Lower Upper
168 100
139 42.1 33.7 50.5
169 13.4 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

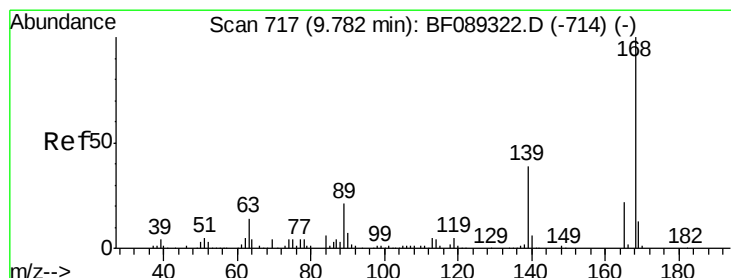
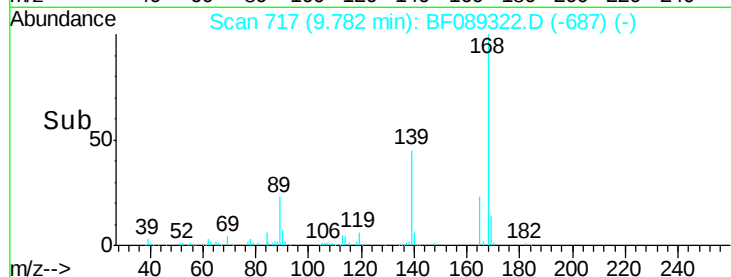
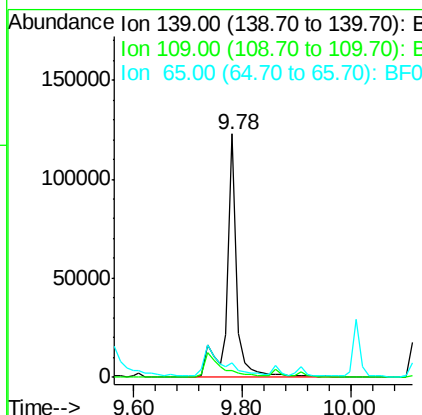
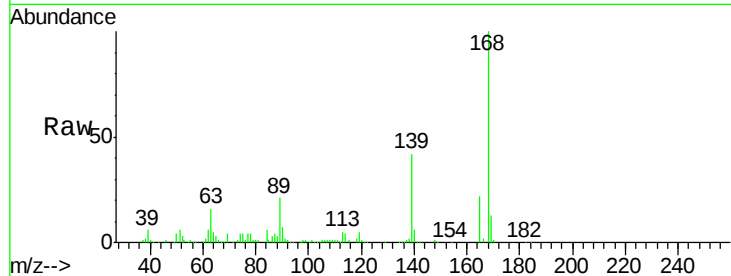




#55
4-Nitrophenol
Concen: 153.08 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.05 min
Lab File: BF089322.D
Acq: 27 Jul 2016 10:55

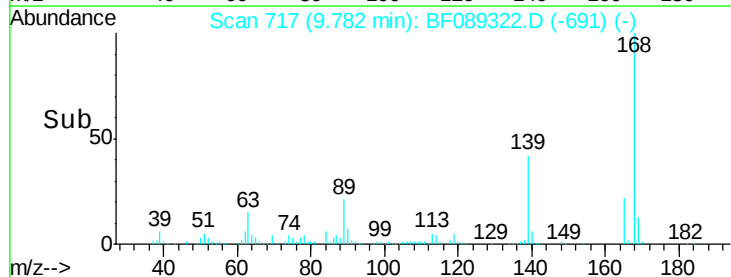
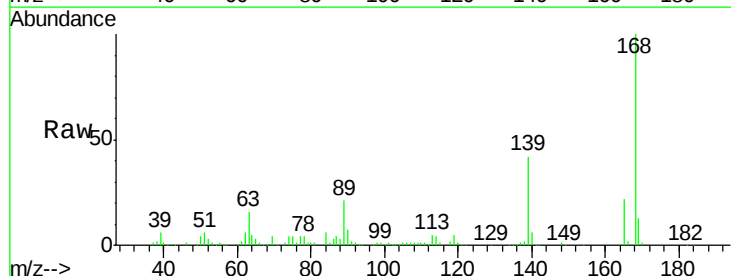
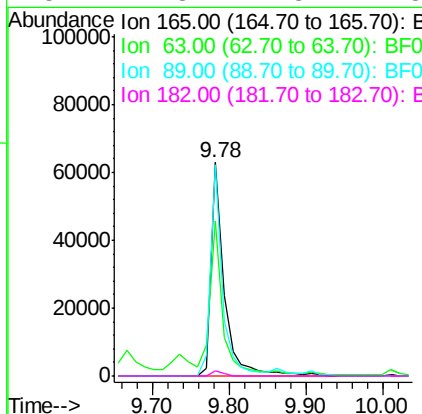
Instrument :
BNA_F
ClientSampleId :

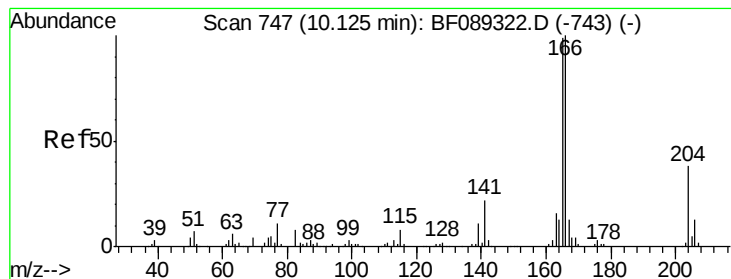
Tot Ion:139 Resp: 156040
Ion Ratio Lower Upper
139 100
109 2.7 57.8 97.8#
65 6.2 81.7 121.7#



#56
2,4-Dinitrotoluene
Concen: 38.02 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF089322.D
Acq: 27 Jul 2016 10:55

Tgt Ion:165 Resp: 74829
Ion Ratio Lower Upper
165 100
63 72.7 58.2 87.2
89 98.9 79.1 118.7
182 2.3 1.8 2.8





#57

Fluorene

Concen: 37.87 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

Instrument :

BNA_F

ClientSampled :

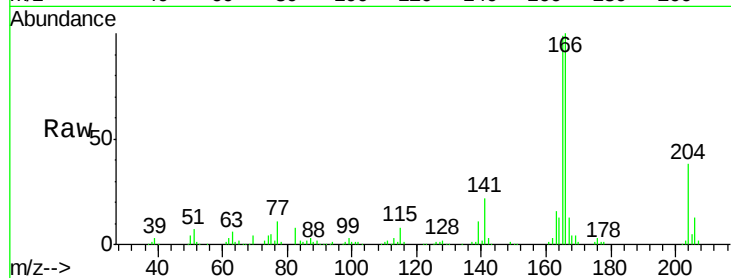
Tot Ion:166 Resp: 240416

Ion Ratio Lower Upper

166 100

165 98.7 79.0 118.4

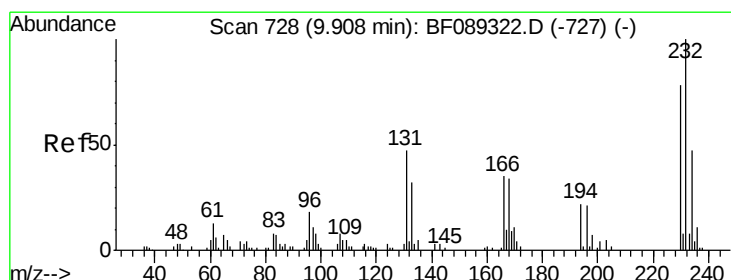
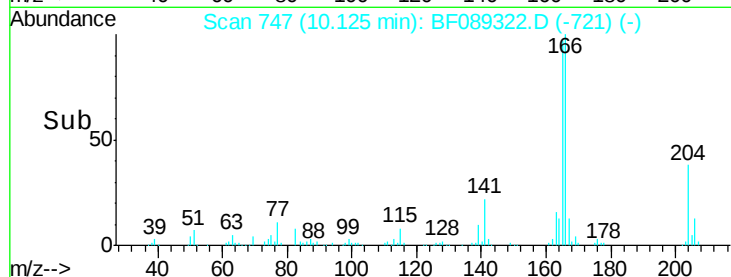
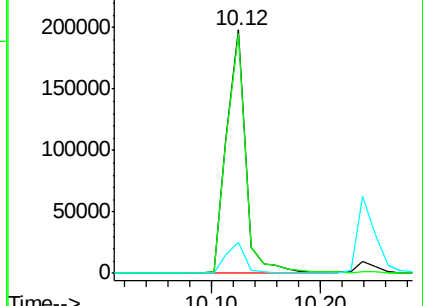
167 12.7 10.2 15.2



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: 39.55 ng

RT: 9.91 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

Tgt Ion:232 Resp: 52229

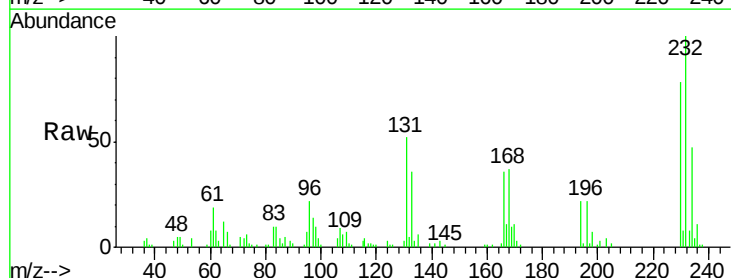
Ion Ratio Lower Upper

232 100

131 53.4 42.7 64.1

130 2.1 1.7 2.5

166 32.1 25.7 38.5

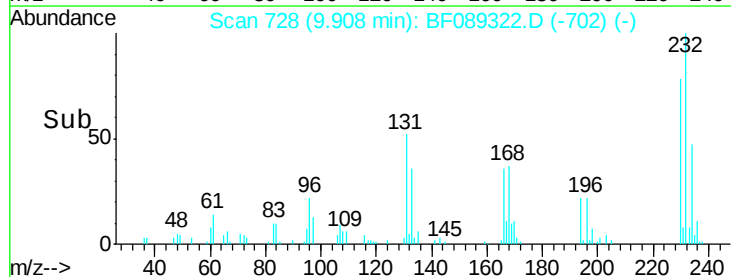
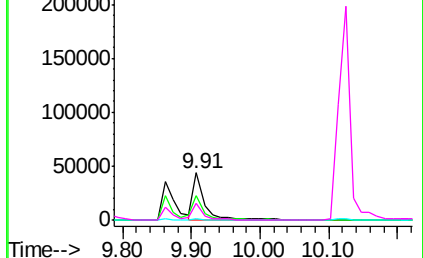


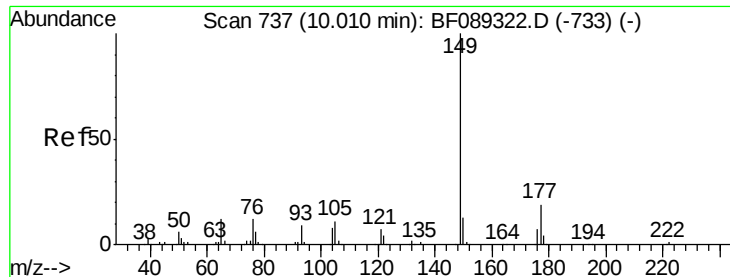
Abundance Ion 232.00 (231.70 to 232.70): E

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

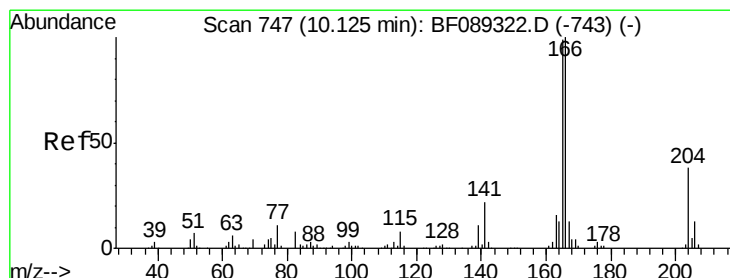
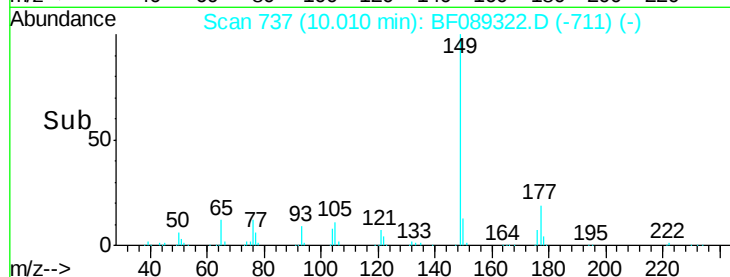
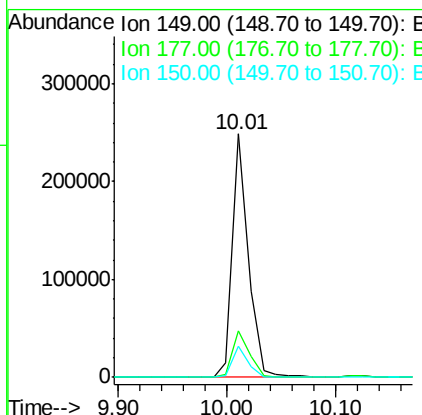
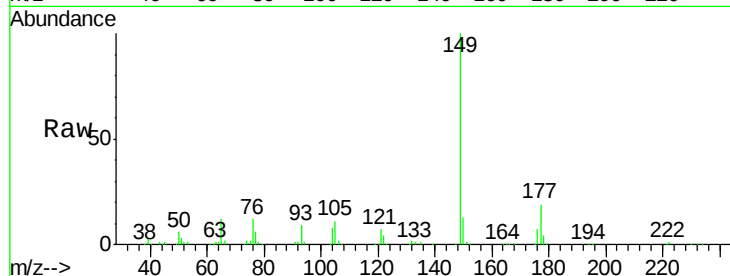




#59
Diethylphthalate
Concen: 37.31 ng
RT: 10.01 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF089322.D
Acq: 27 Jul 2016 10:55

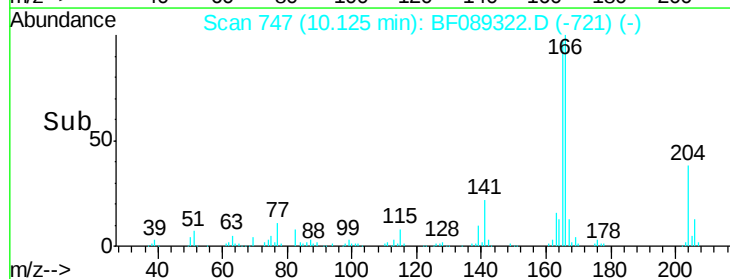
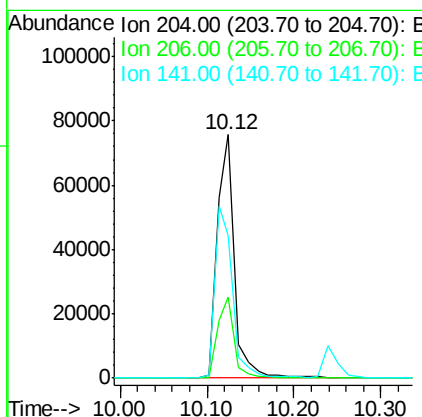
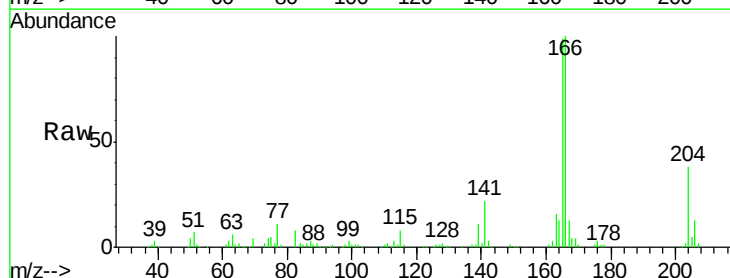
Instrument :
BNA_F
ClientSampleId :

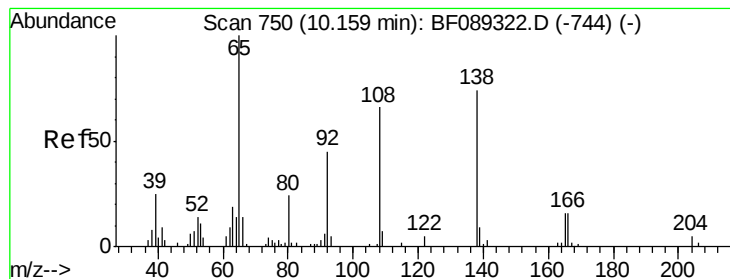
Tot Ion:149 Resp: 251279
Ion Ratio Lower Upper
149 100
177 18.9 15.1 22.7
150 12.8 10.2 15.4



#60
4-Chlorophenyl-phenylether
Concen: 35.97 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF089322.D
Acq: 27 Jul 2016 10:55

Tgt Ion:204 Resp: 105535
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 58.3 46.6 70.0





#61

4-Nitroaniline

Concen: 35.20 ng

RT: 10.16 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

Instrument :

BNA_F

ClientSampleId :

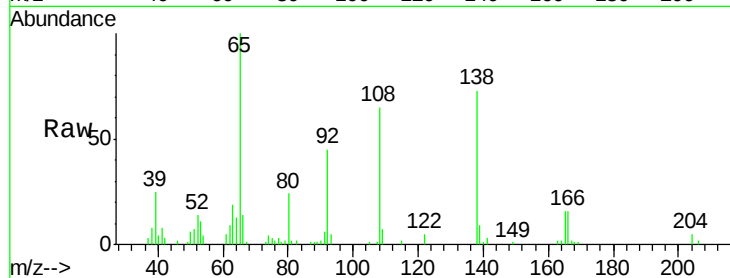
Tot Ion:138 Resp: 61619

Ion Ratio Lower Upper

138 100

92 61.2 41.2 81.2

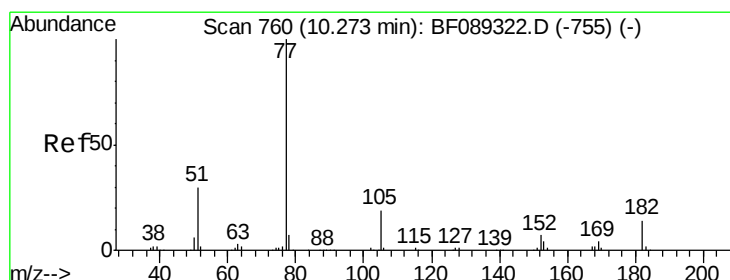
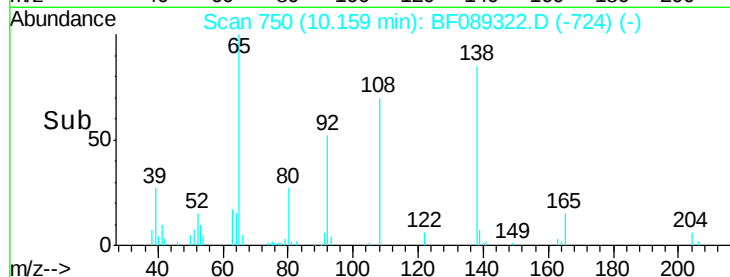
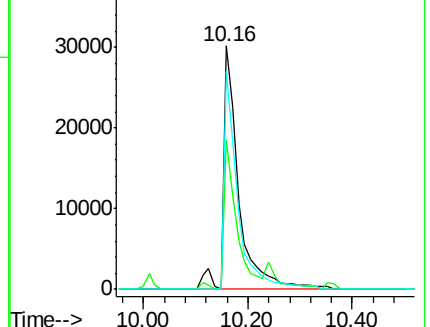
108 89.6 69.6 109.6



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: 35.67 ng

RT: 10.27 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

Tgt Ion: 77 Resp: 260715

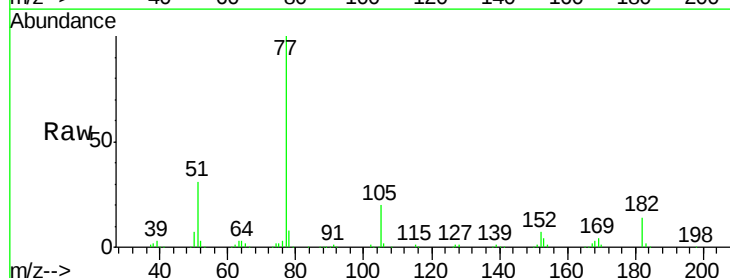
Ion Ratio Lower Upper

77 100

182 13.8 0.0 33.8

105 19.8 0.0 39.8

51 31.0 11.0 51.0

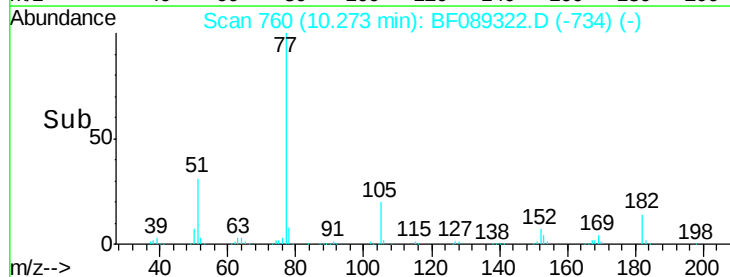
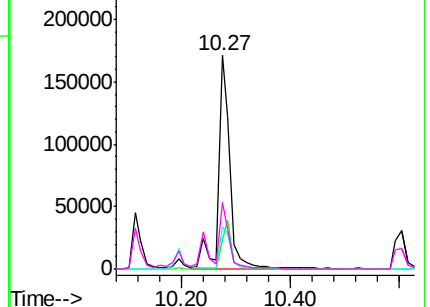


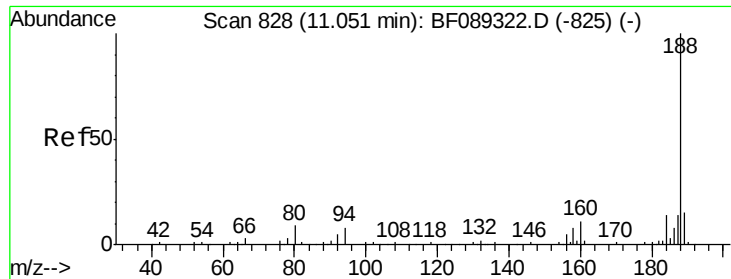
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

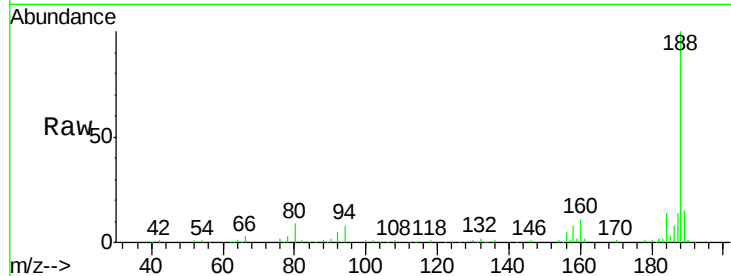




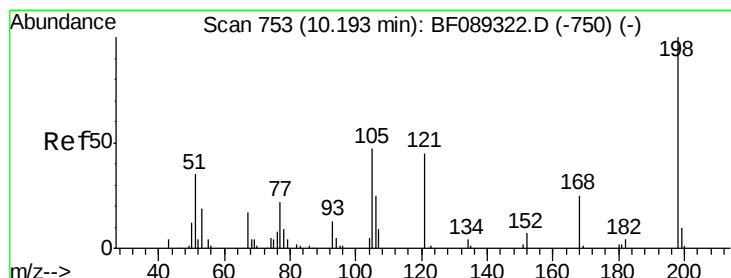
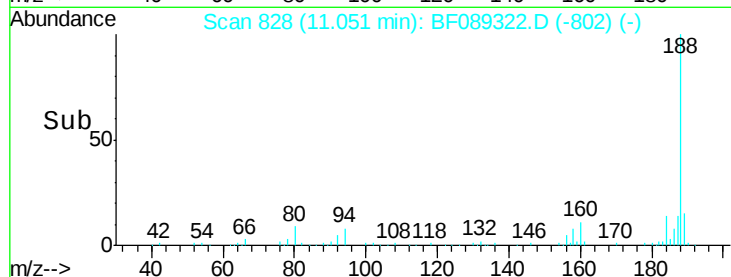
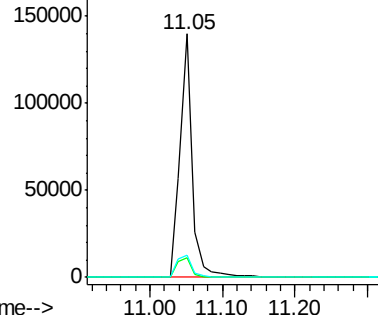
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF089322.D
 Acq: 27 Jul 2016 10:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 165429
 Ion Ratio Lower Upper
 188 100
 94 8.1 6.5 9.7
 80 9.0 7.2 10.8

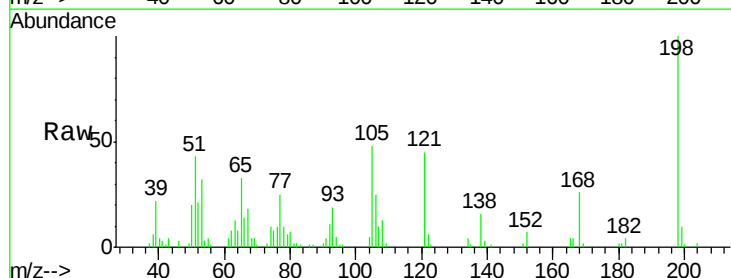


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

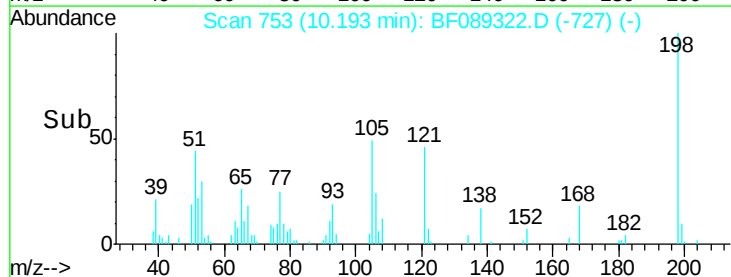
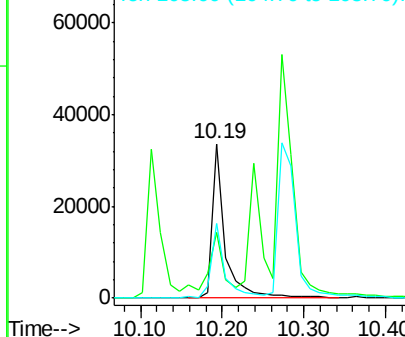


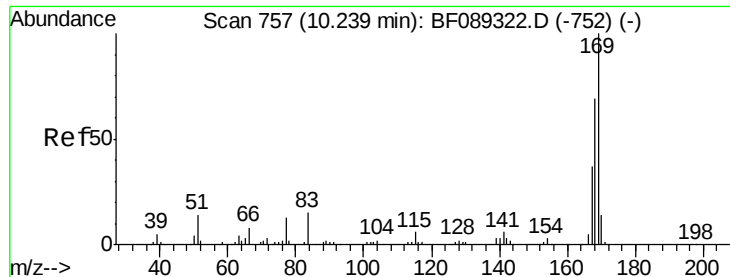
#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.39 ng
 RT: 10.19 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF089322.D
 Acq: 27 Jul 2016 10:55

Tgt Ion:198 Resp: 37392
 Ion Ratio Lower Upper
 198 100
 51 43.0 23.0 63.0
 105 48.3 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

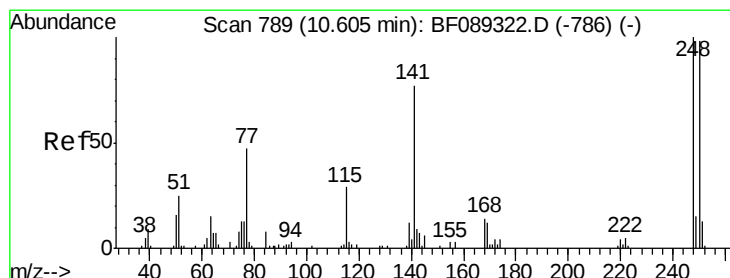
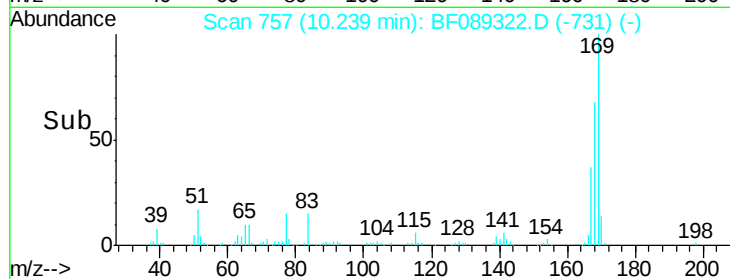
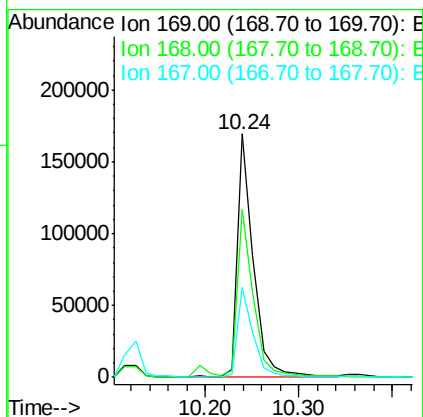
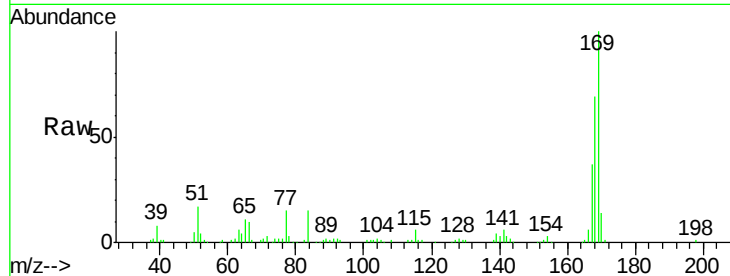




#65
n-Nitrosodiphenylamine
Concen: 36.87 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF089322.D
Acq: 27 Jul 2016 10:55

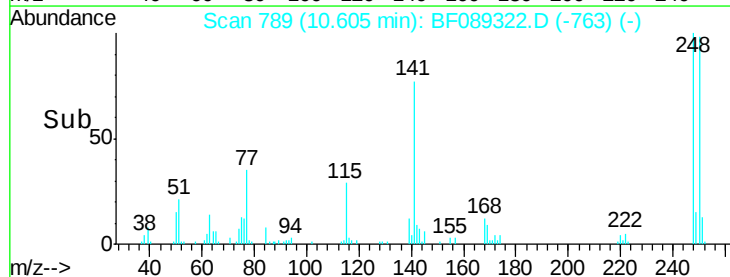
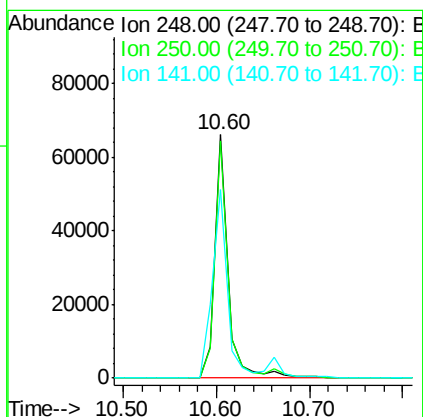
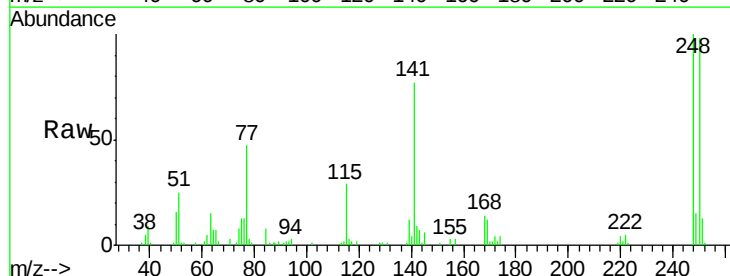
Instrument :
BNA_F
ClientSampleId :

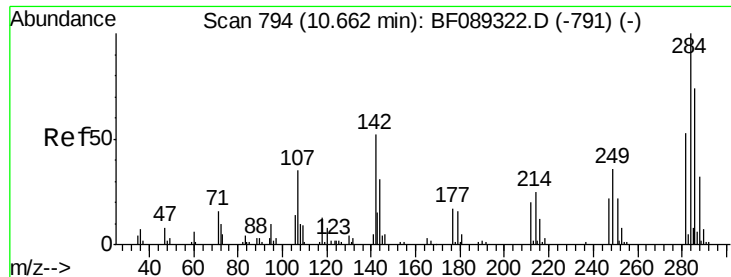
Tot Ion:169 Resp: 203572
Ion Ratio Lower Upper
169 100
168 69.2 55.4 83.0
167 37.1 29.7 44.5



#66
4-Bromophenyl-phenylether
Concen: 39.94 ng
RT: 10.60 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF089322.D
Acq: 27 Jul 2016 10:55

Tgt Ion:248 Resp: 65483
Ion Ratio Lower Upper
248 100
250 97.7 78.2 117.2
141 77.5 62.0 93.0

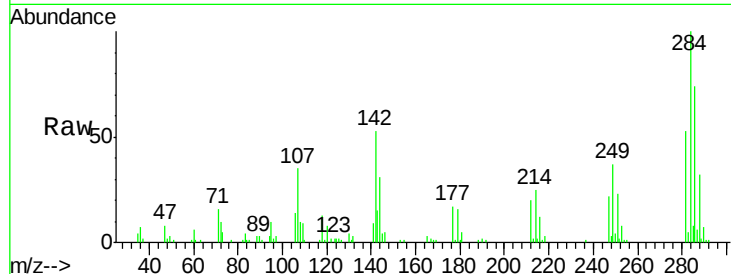




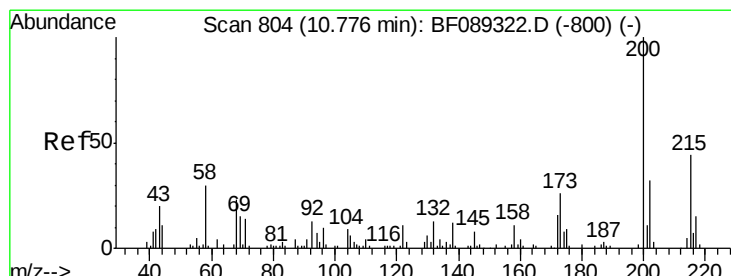
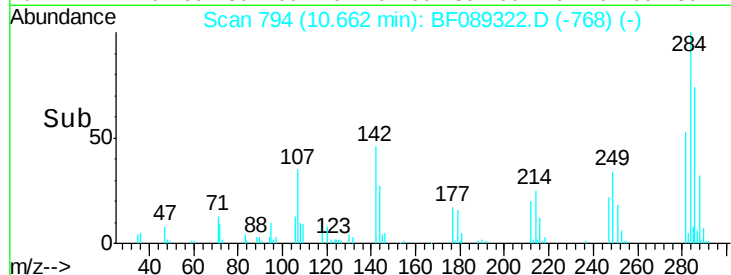
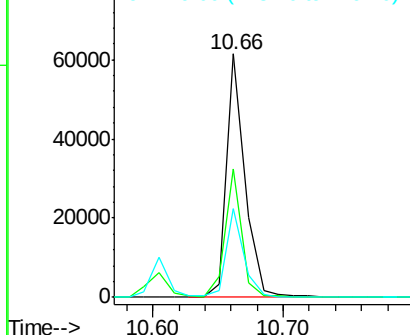
#67
Hexachlorobenzene
Concen: 34.69 ng
RT: 10.66 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF089322.D
Acq: 27 Jul 2016 10:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	52.8	42.2	63.4
249	36.7	29.4	44.0

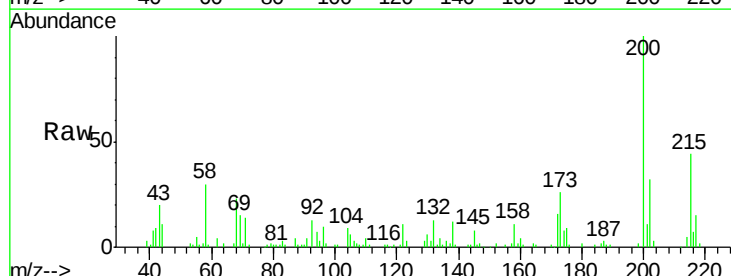


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

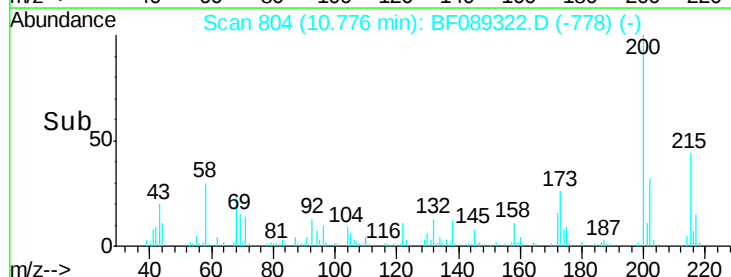
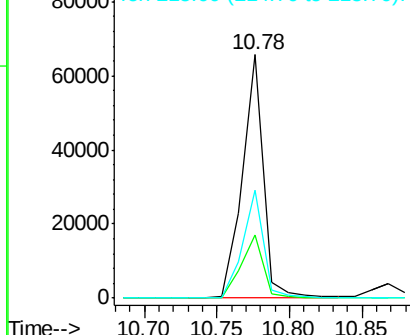


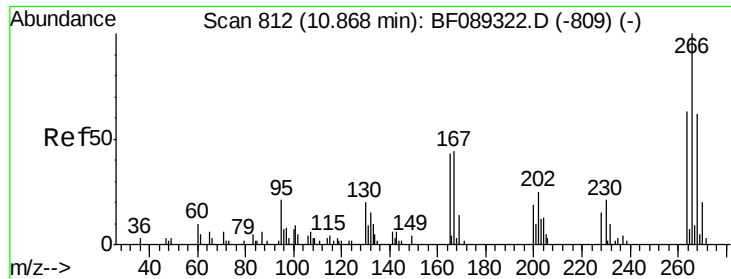
#68
Atrazine
Concen: 38.52 ng
RT: 10.78 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF089322.D
Acq: 27 Jul 2016 10:55

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.0	6.0	46.0
215	44.3	24.3	64.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

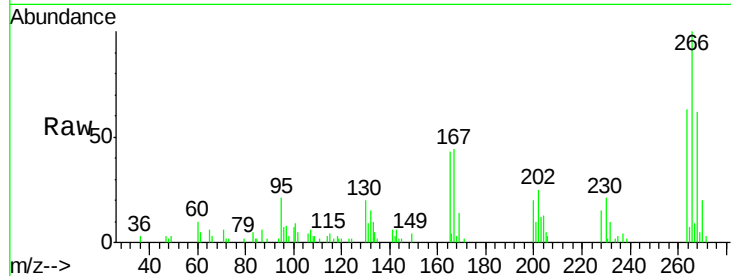




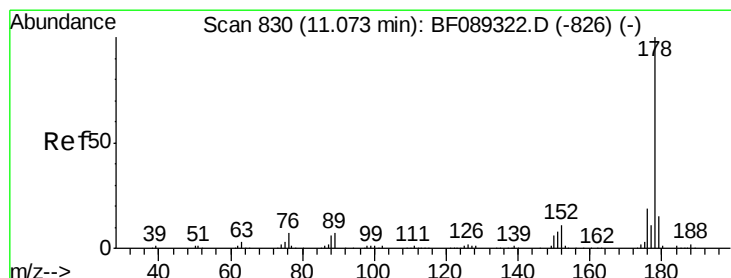
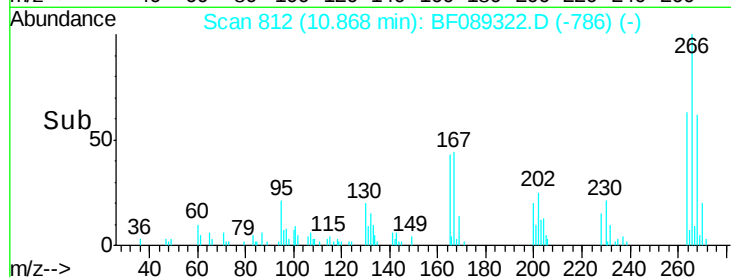
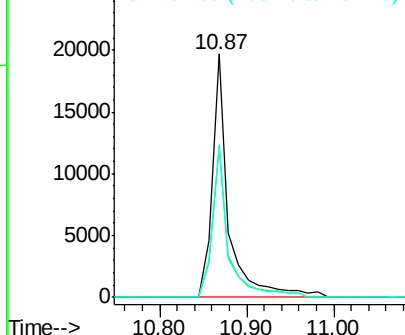
#69
 Pentachlorophenol
 Concen: 33.31 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF089322.D
 Acq: 27 Jul 2016 10:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 25966
 Ion Ratio Lower Upper
 266 100
 268 61.8 49.4 74.2
 264 62.7 50.2 75.2

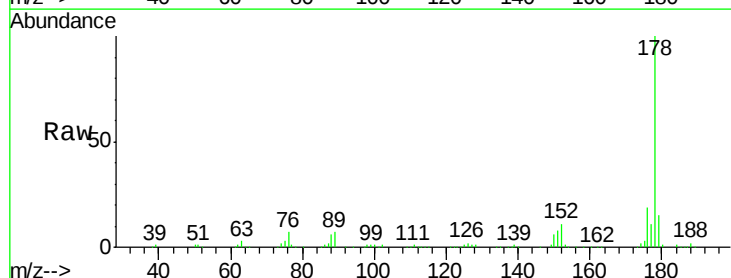


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

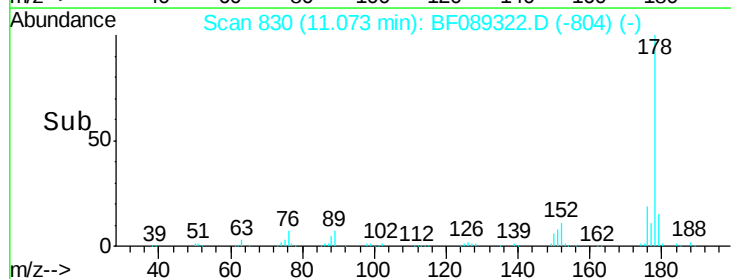
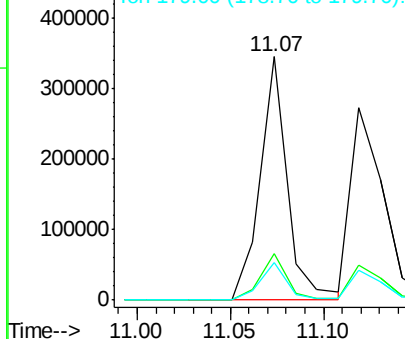


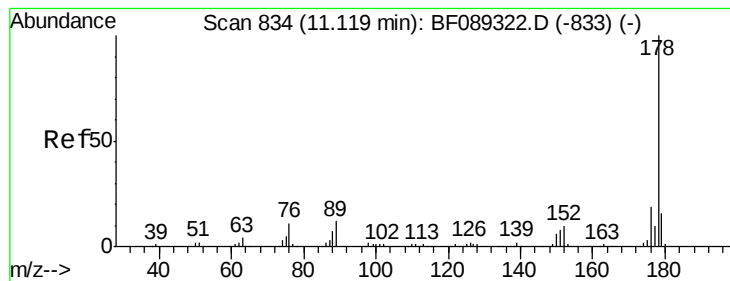
#70
 Phenanthrene
 Concen: 38.15 ng
 RT: 11.07 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF089322.D
 Acq: 27 Jul 2016 10:55

Tgt Ion:178 Resp: 347985
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.5 23.3
 179 15.4 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: 38.50 ng

RT: 11.12 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

Instrument :

BNA_F

ClientSampleId :

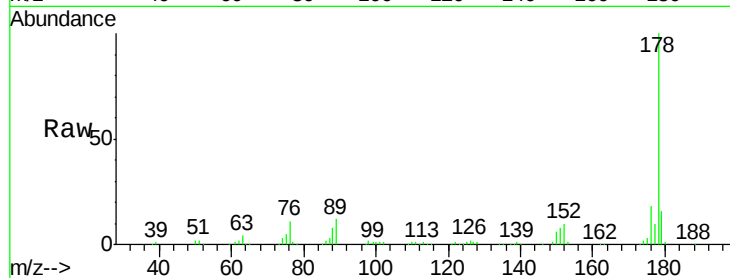
Tot Ion:178 Resp: 360632

Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

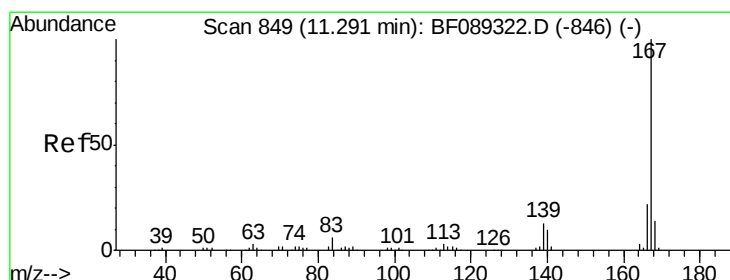
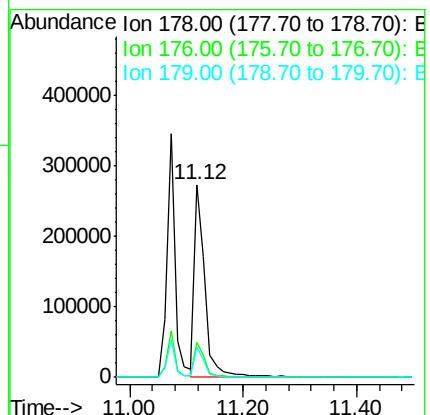
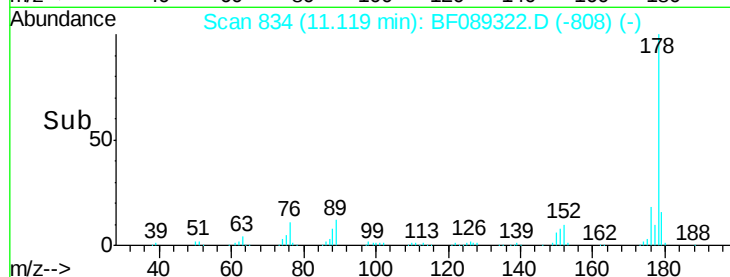
179 15.7 12.6 18.8



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: 37.35 ng

RT: 11.29 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

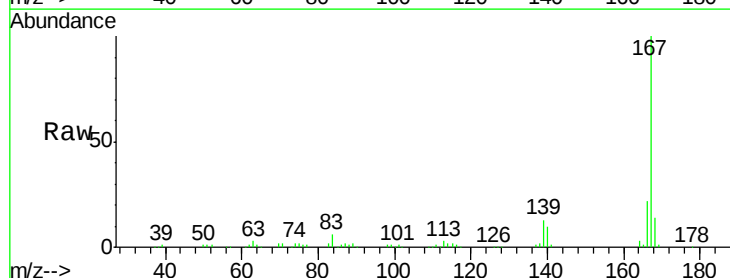
Tgt Ion:167 Resp: 303742

Ion Ratio Lower Upper

167 100

166 22.0 17.6 26.4

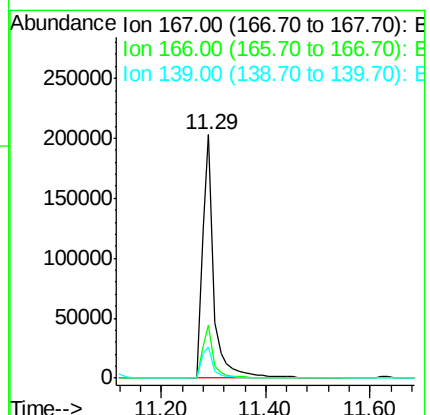
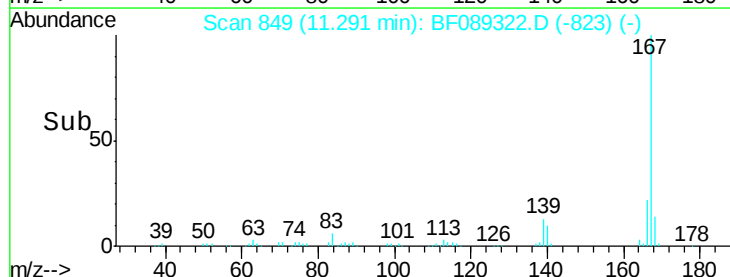
139 12.6 10.1 15.1

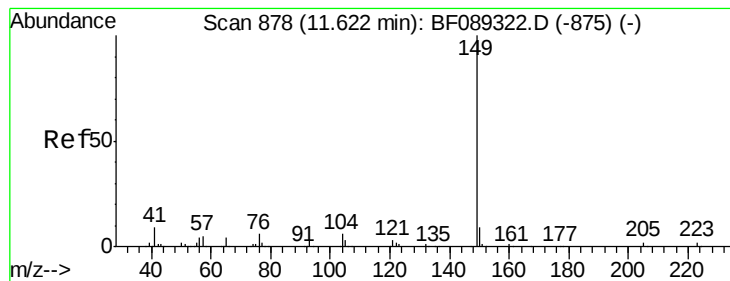


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.67 ng

RT: 11.62 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

Instrument :

BNA_F

ClientSampleId :

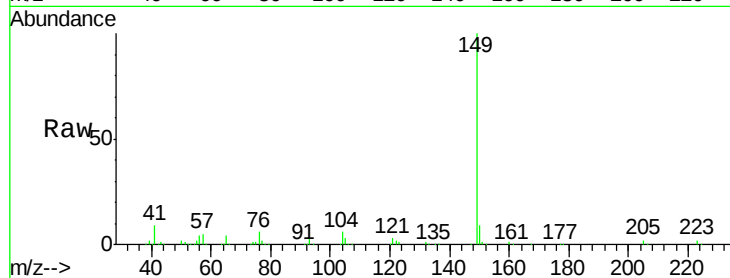
Tot Ion:149 Resp: 400124

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

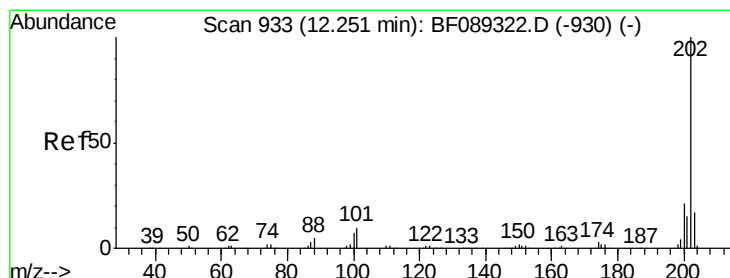
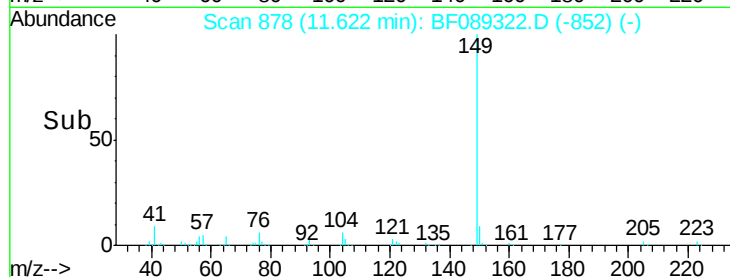
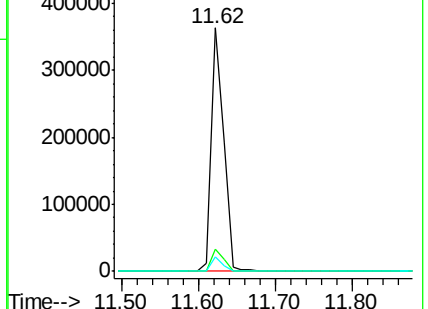
104 5.9 4.7 7.1



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: 37.98 ng

RT: 12.25 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

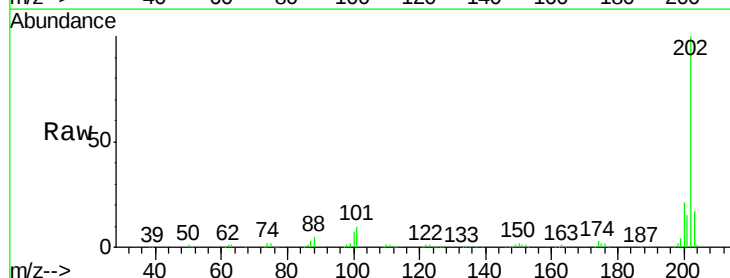
Tgt Ion:202 Resp: 365003

Ion Ratio Lower Upper

202 100

101 9.9 0.0 29.9

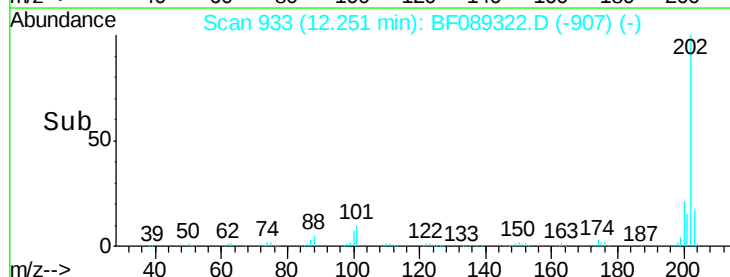
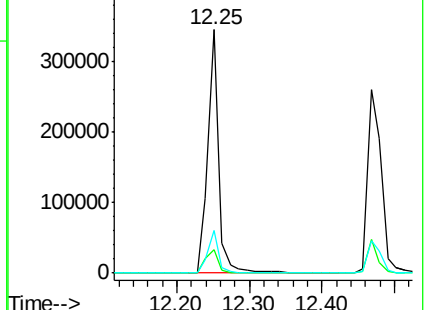
203 17.3 0.0 37.3

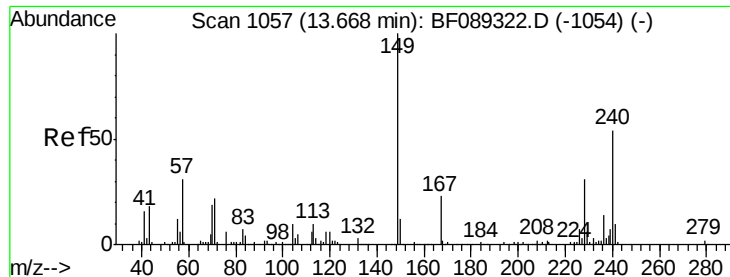


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

Instrument :

BNA_F

ClientSampled :

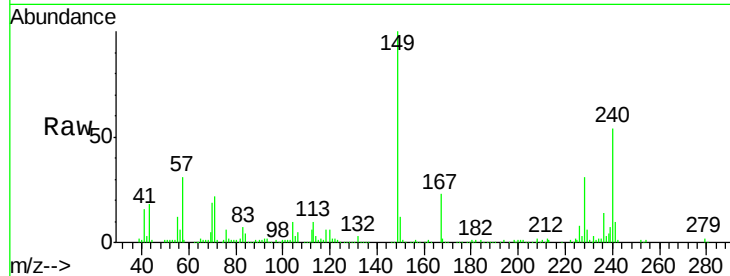
Tot Ion:240 Resp: 119871

Ion Ratio Lower Upper

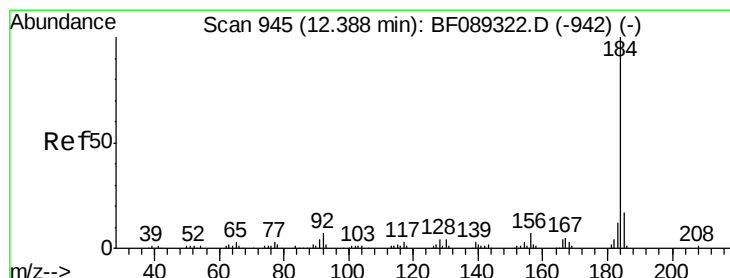
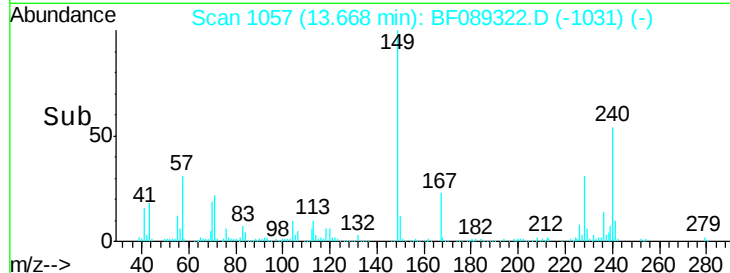
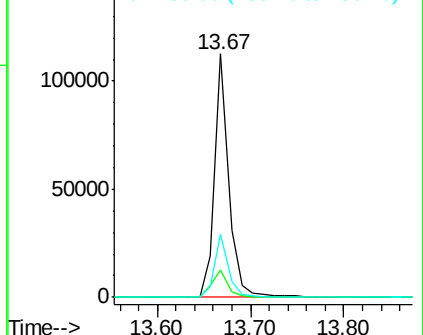
240 100

120 11.4 9.1 13.7

236 25.7 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.51 ng

RT: 12.39 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

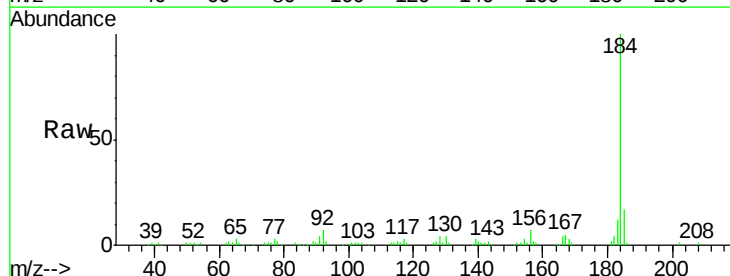
Tgt Ion:184 Resp: 172329

Ion Ratio Lower Upper

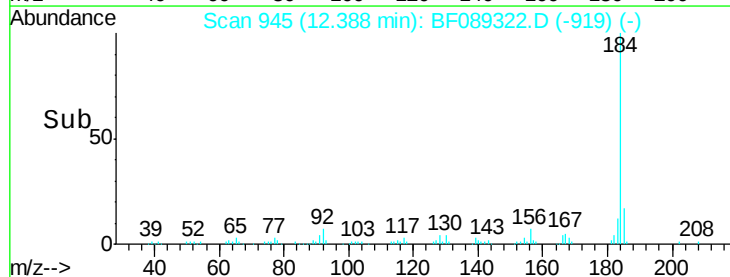
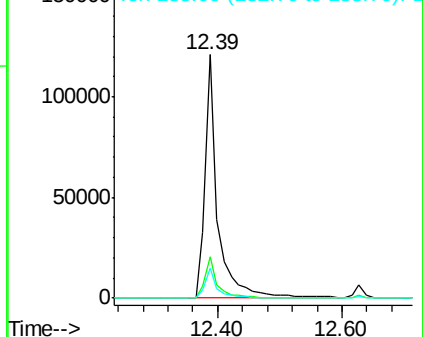
184 100

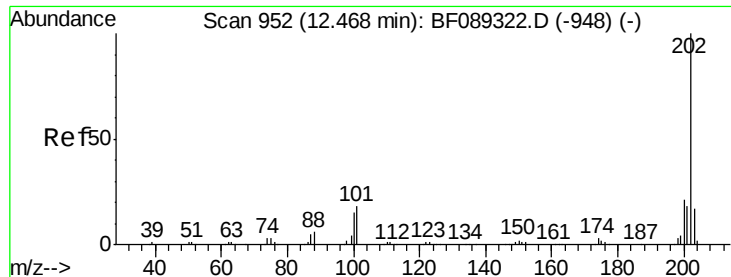
185 16.9 13.5 20.3

183 12.2 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

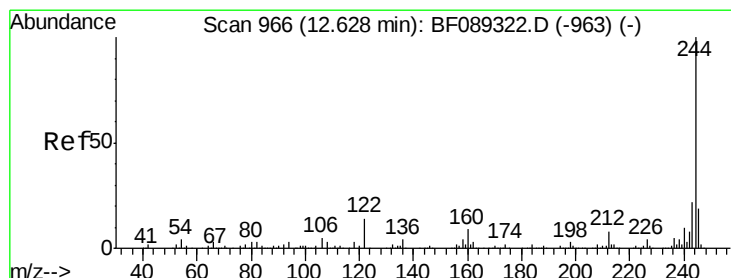
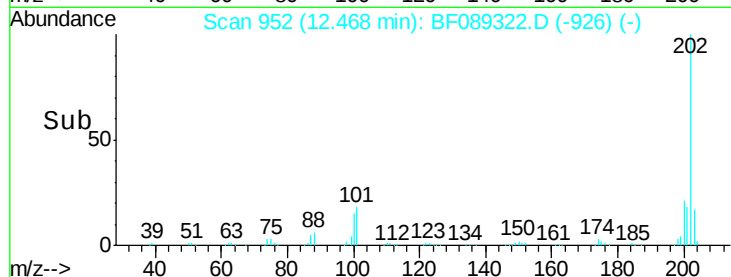
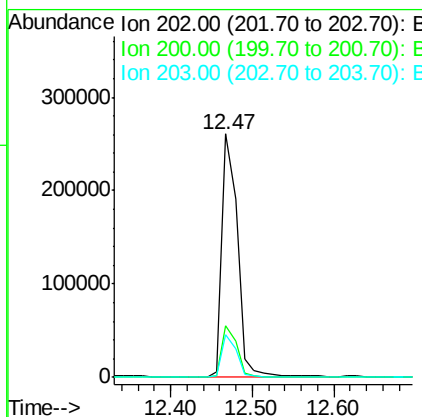
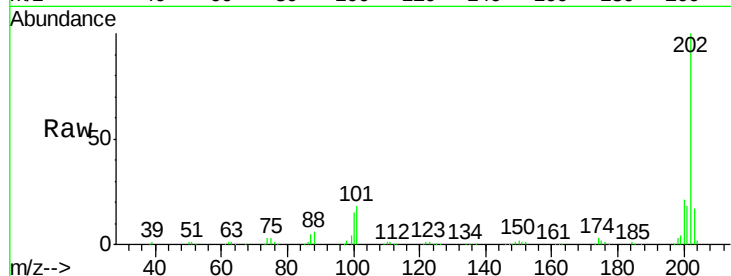




#77
 Pvrene
 Concen: 35.25 ng
 RT: 12.47 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF089322.D
 Acq: 27 Jul 2016 10:55

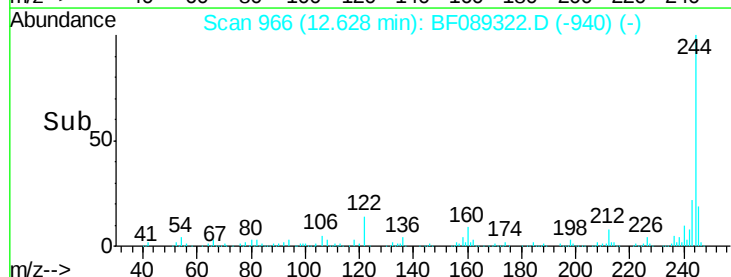
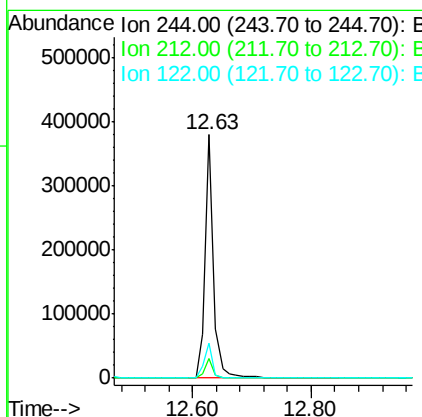
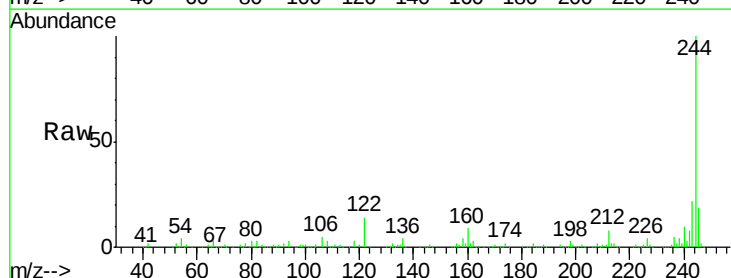
Instrument :
 BNA_F
 ClientSampleId :

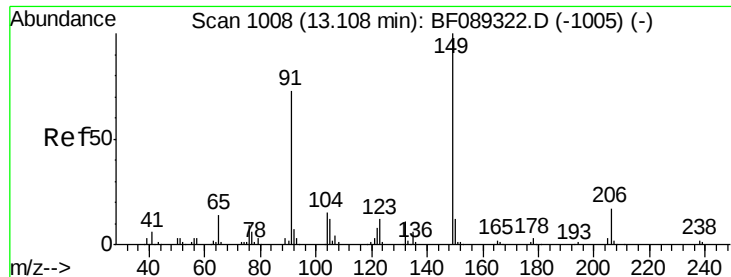
Tot Ion:202 Resp: 341346
 Ion Ratio Lower Upper
 202 100
 200 21.1 16.9 25.3
 203 17.5 14.0 21.0



#78
 Terphenyl-d14
 Concen: 70.27 ng
 RT: 12.63 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BF089322.D
 Acq: 27 Jul 2016 10:55

Tgt Ion:244 Resp: 387124
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 14.2 11.4 17.0





#79

Butylbenzylphthalate

Concen: 40.82 ng

RT: 13.11 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

Instrument :

BNA_F

ClientSampled :

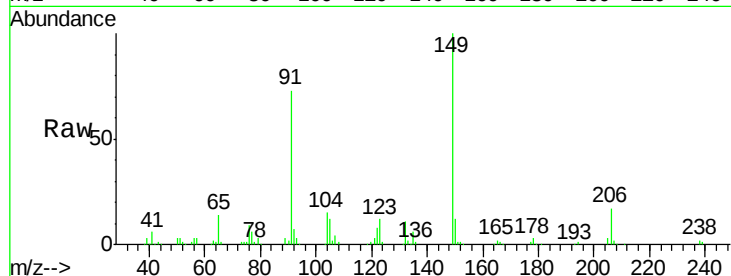
Tot Ion:149 Resp: 171261

Ion Ratio Lower Upper

149 100

91 73.1 58.5 87.7

206 17.3 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

250000

200000

150000

100000

50000

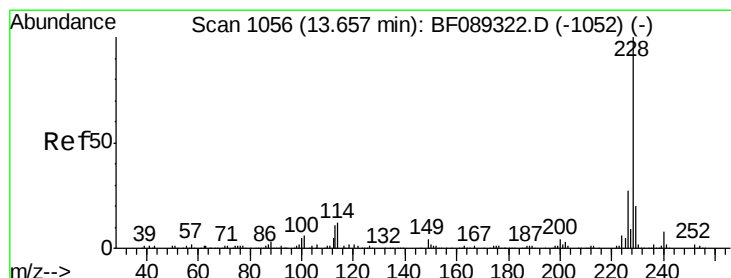
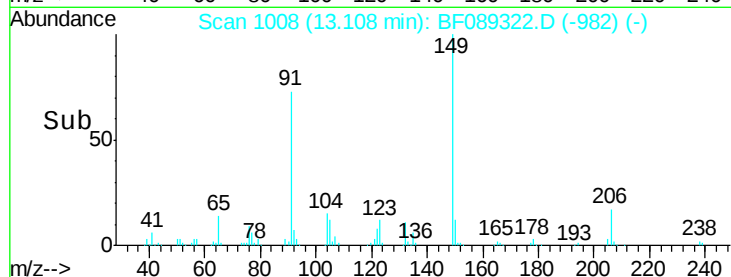
0

13.11

13.10

13.20

Time-->



#80

Benzo(a)anthracene

Concen: 35.89 ng

RT: 13.66 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF089322.D

Acq: 27 Jul 2016 10:55

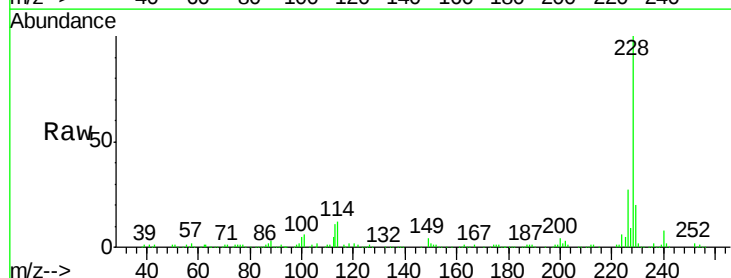
Tgt Ion:228 Resp: 270661

Ion Ratio Lower Upper

228 100

226 26.8 21.4 32.2

229 19.9 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

300000

200000

100000

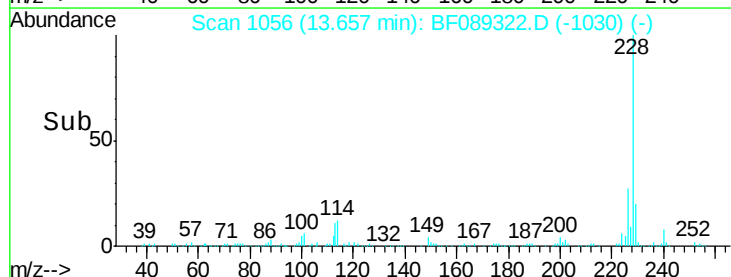
0

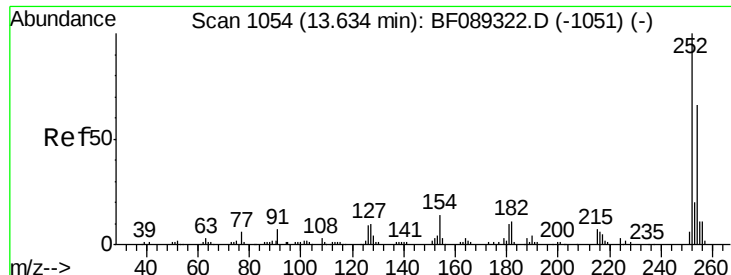
13.66

13.65

13.70

Time-->

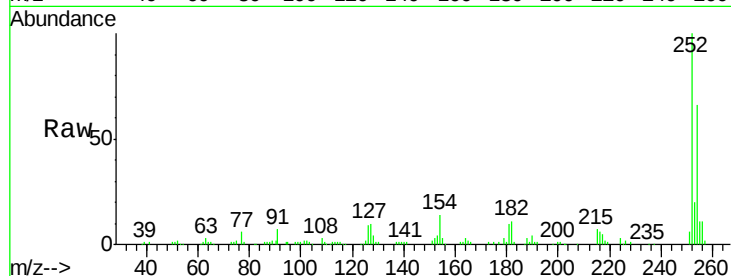




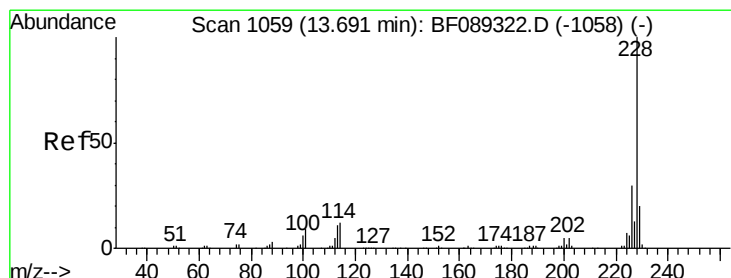
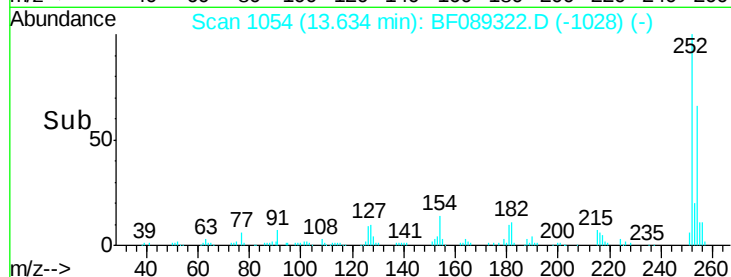
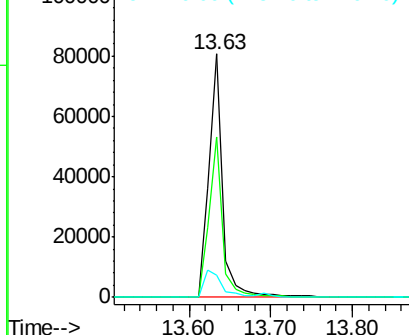
#81
 3,3'-Dichlorobenzidine
 Concen: 38.95 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF089322.D
 Acq: 27 Jul 2016 10:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 96459
 Ion Ratio Lower Upper
 252 100
 254 65.6 52.5 78.7
 126 9.3 7.4 11.2

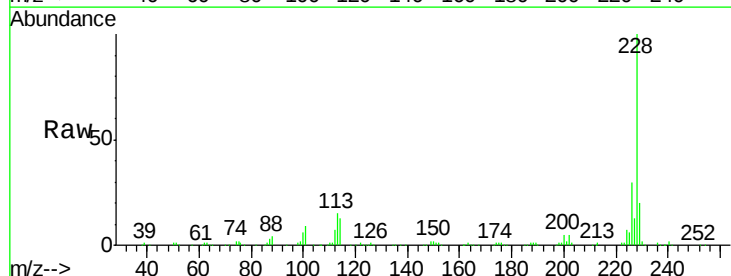


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

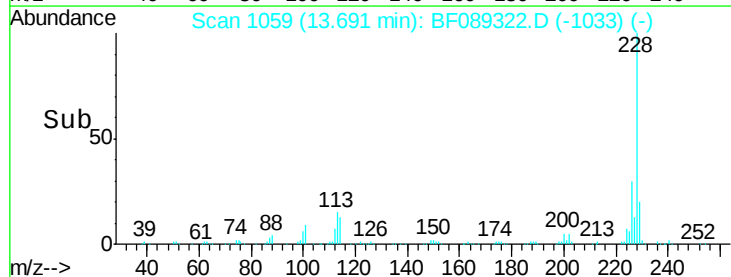
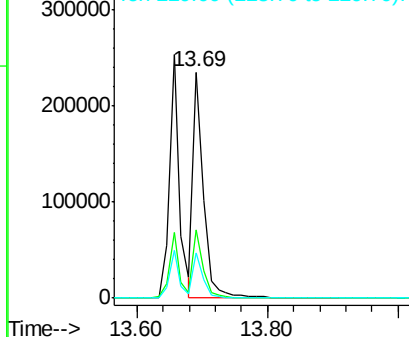


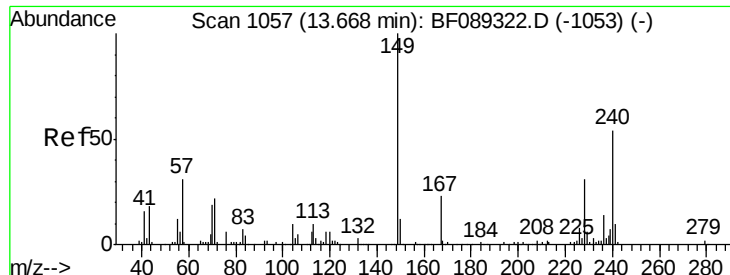
#82
 Chrysene
 Concen: 36.59 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF089322.D
 Acq: 27 Jul 2016 10:55

Tgt Ion:228 Resp: 261488
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.2 36.2
 229 19.9 15.9 23.9



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

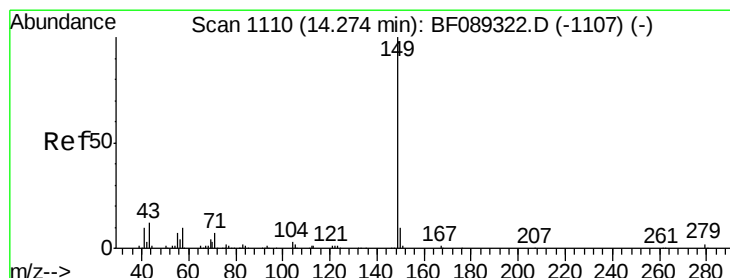
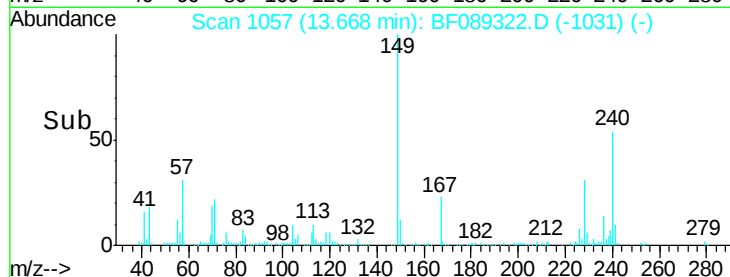
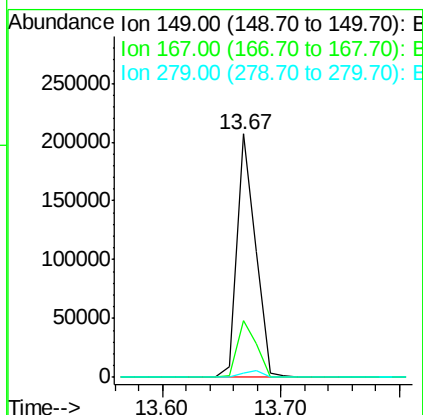
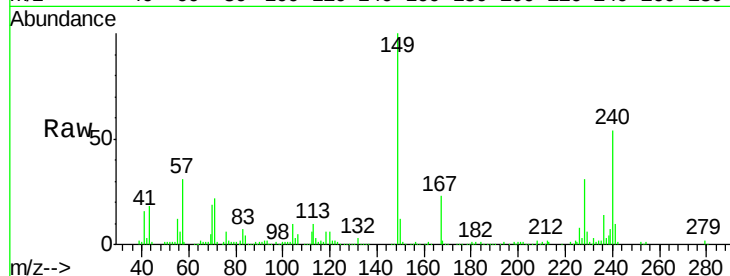




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.24 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: BF089322.D
 Acq: 27 Jul 2016 10:55

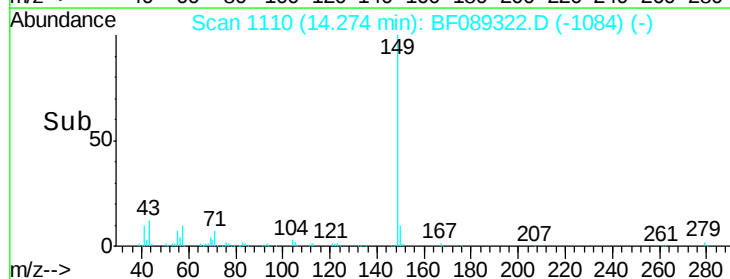
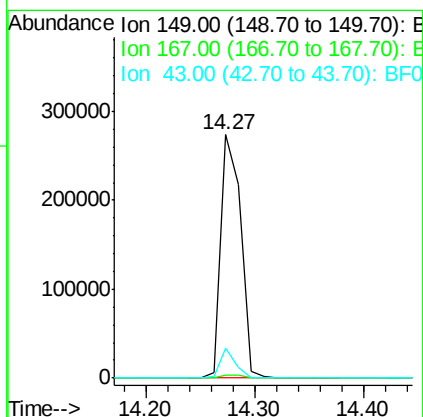
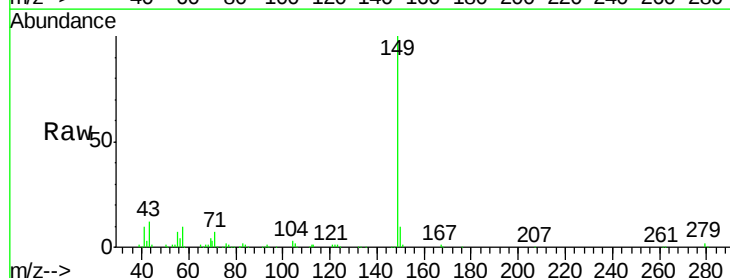
Instrument :
 BNA_F
 ClientSampleId :

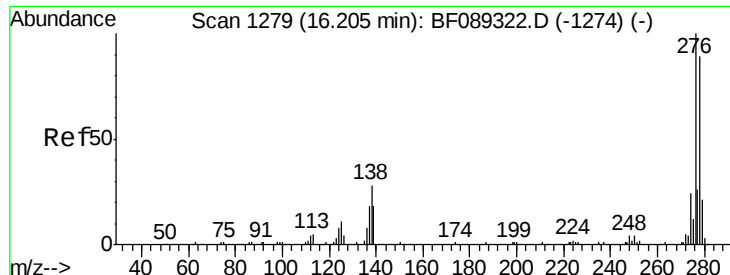
Tot Ion:149 Resp: 225393
 Ion Ratio Lower Upper
 149 100
 167 23.5 18.8 28.2
 279 1.7 1.4 2.0



#84
 Di-n-octyl phthalate
 Concen: 38.33 ng
 RT: 14.27 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF089322.D
 Acq: 27 Jul 2016 10:55

Tgt Ion:149 Resp: 350361
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 9.1 7.3 10.9



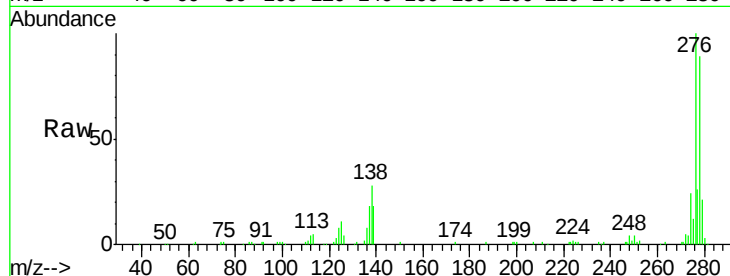


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.83 ng
 RT: 16.21 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BF089322.D
 Acq: 27 Jul 2016 10:55

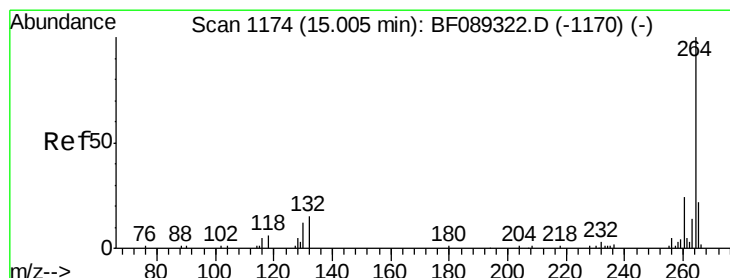
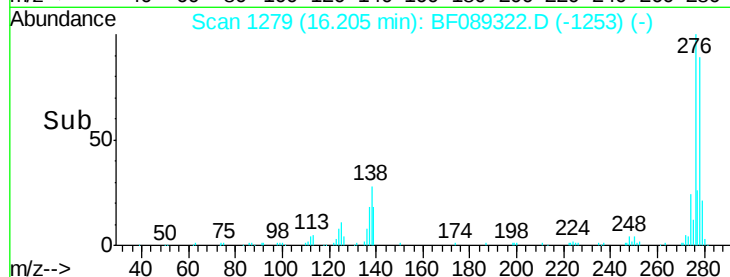
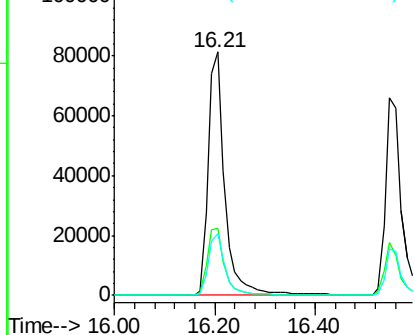
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:276 Resp: 186749

Ion	Ratio	Lower	Upper
276	100		
138	28.8	23.0	34.4
277	25.3	20.2	30.4



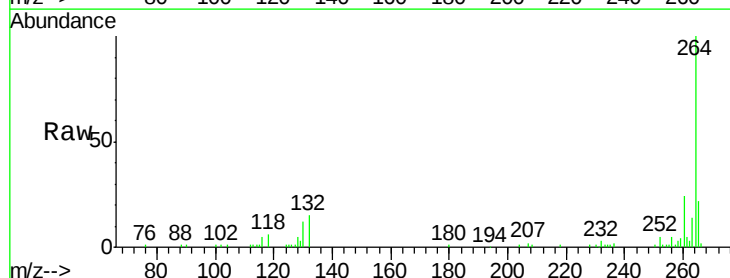
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



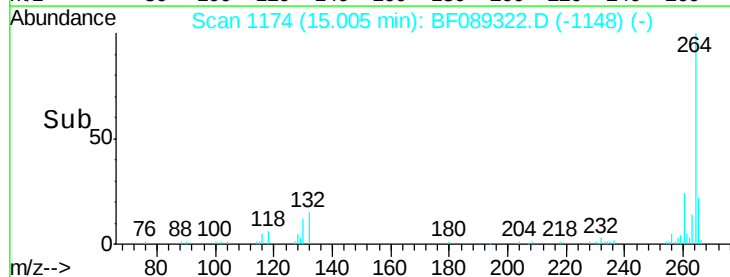
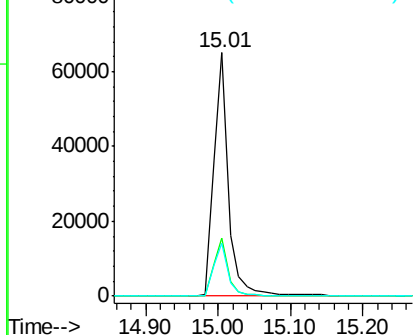
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF089322.D
 Acq: 27 Jul 2016 10:55

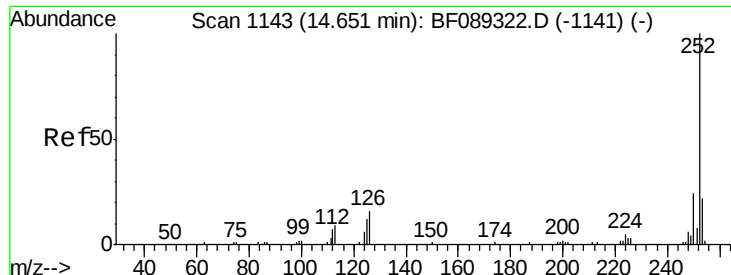
Tgt Ion:264 Resp: 90612

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	21.9	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

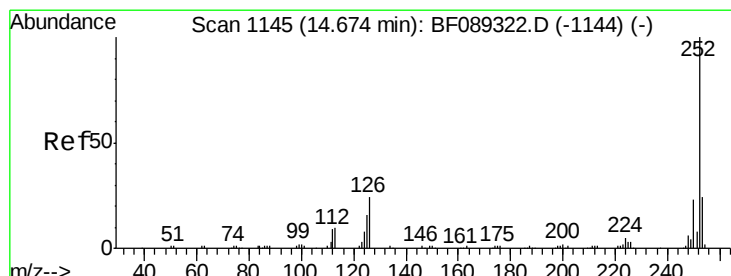
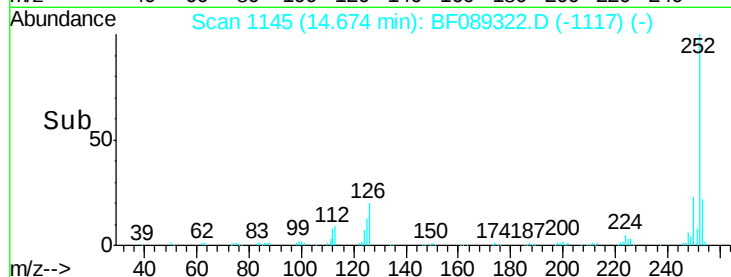
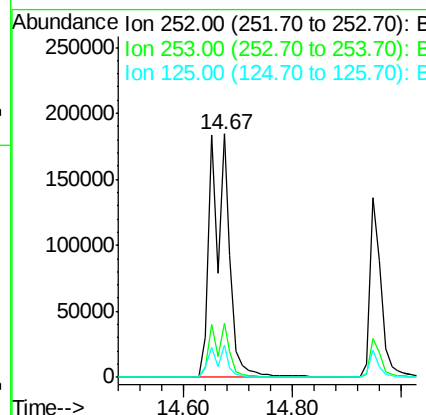
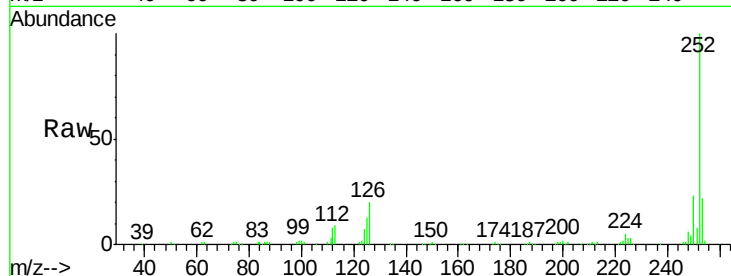




#87
Benzo(b)fluoranthene
Concen: 68.57 ng
RT: 14.67 min Scan# 1145
Delta R.T. 0.02 min
Lab File: BF089322.D
Acq: 27 Jul 2016 10:55

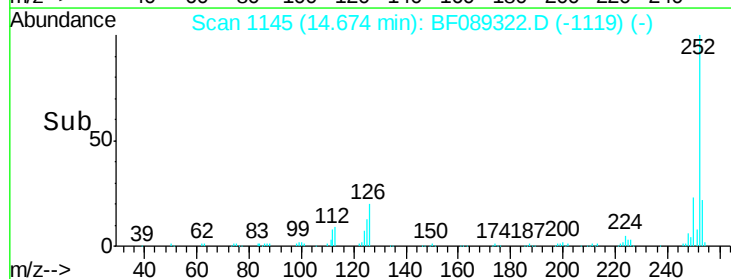
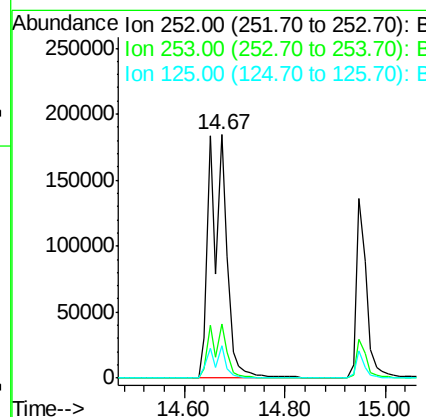
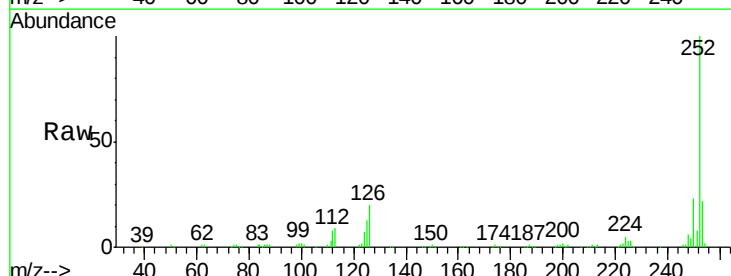
Instrument :
BNA_F
ClientSampleId :

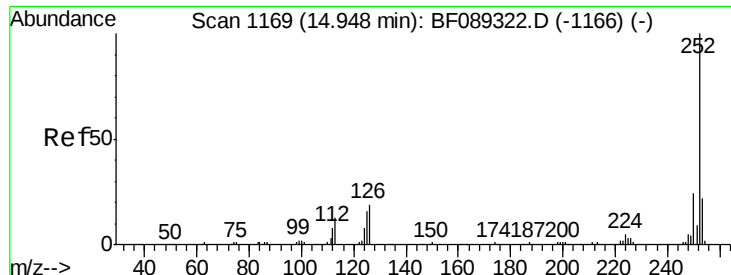
Tot Ion:252 Resp: 426783
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 13.4 9.7 14.5



#88
Benzo(k)fluoranthene
Concen: 86.30 ng
RT: 14.67 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF089322.D
Acq: 27 Jul 2016 10:55

Tgt Ion:252 Resp: 427350
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 13.4 10.7 16.1

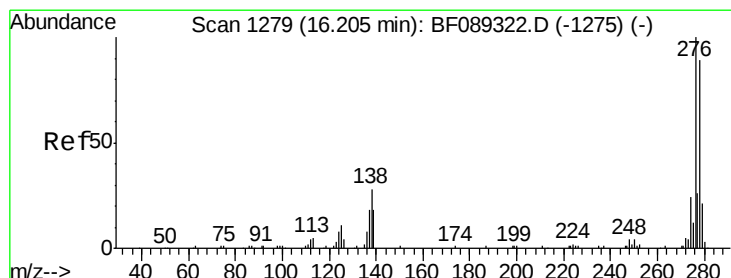
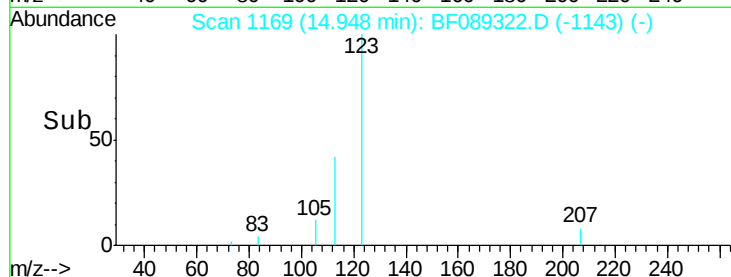
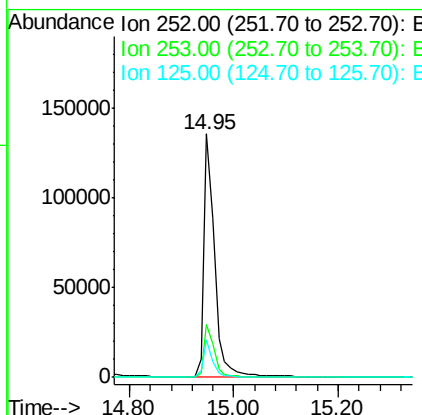
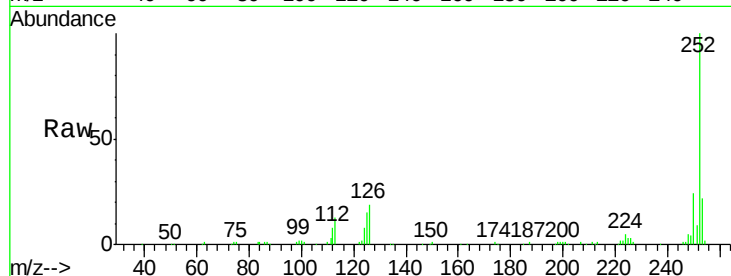




#89
Benzo(a)pyrene
Concen: 38.44 ng
RT: 14.95 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF089322.D
Acq: 27 Jul 2016 10:55

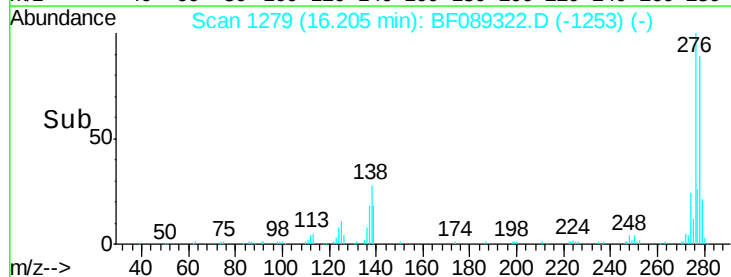
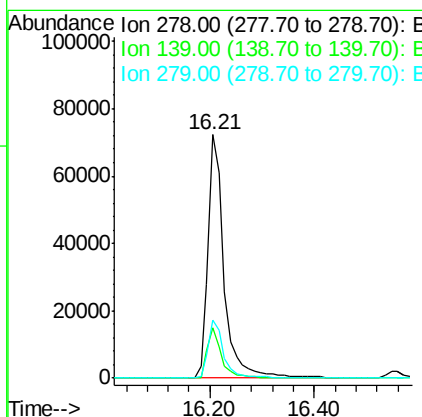
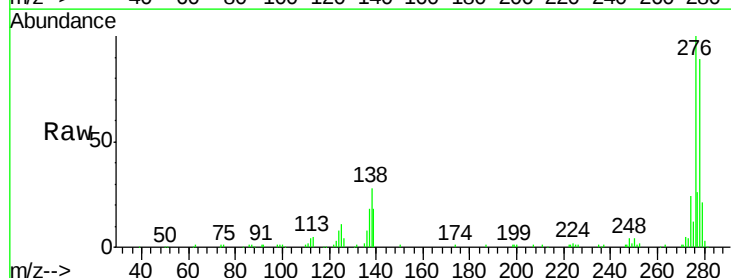
Instrument :
BNA_F
ClientSampleId :

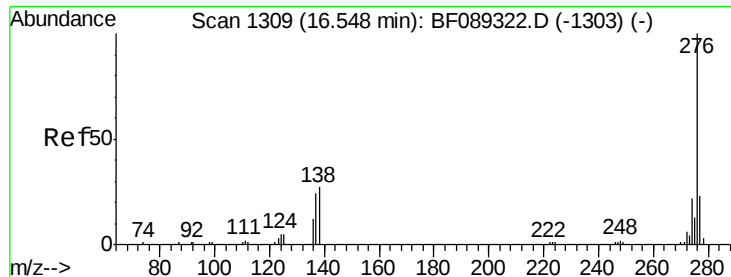
Tot Ion:252 Resp: 195848
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 15.5 12.4 18.6



#90
Dibenzo(a,h)anthracene
Concen: 38.51 ng
RT: 16.21 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF089322.D
Acq: 27 Jul 2016 10:55

Tgt Ion:278 Resp: 154711
Ion Ratio Lower Upper
278 100
139 20.4 16.3 24.5
279 23.9 19.1 28.7

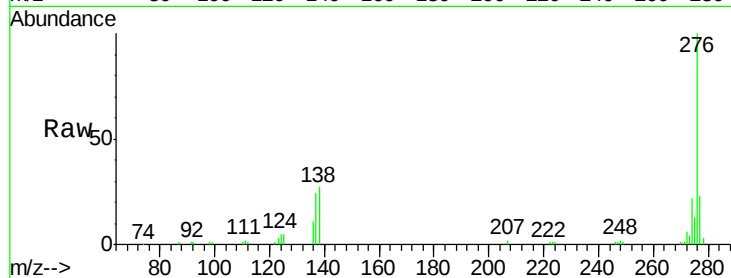




#91
 Benzo(a,h,i)perylene
 Concen: 38.02 ng
 RT: 16.55 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF089322.D
 Acq: 27 Jul 2016 10:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 153814
 Ion Ratio Lower Upper
 276 100
 277 23.3 18.6 28.0
 138 26.7 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

