

Data Path : V:\HPCHEM1\BNA F\DATA\BF080316\
 Data File : BF089572.D
 Acq On : 3 Aug 2016 22:09
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 04 07:20:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 04 07:15:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	37523	20.00	ng	0.00
21) Naphthalene-d8	9.50	136	161263	20.00	ng	0.00
38) Acenaphthene-d10	12.32	164	71187	20.00	ng	0.00
63) Phenanthrene-d10	14.72	188	122365	20.00	ng	0.00
75) Chrysene-d12	18.41	240	66996	20.00	ng	0.00
86) Perylene-d12	20.07	264	66751	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	387821	171.23	ng	0.00
7) Phenol-d6	7.02	99	509803	168.87	ng	0.01
23) Nitrobenzene-d5	8.39	82	486996	167.06	ng	0.01
41) 2,4,6-Tribromophenol	13.62	330	92712	163.96	ng	0.01
44) 2-Fluorobiphenyl	11.29	172	882436	160.99	ng	0.01
78) Terphenyl-d14	17.07	244	508024	152.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.77	88	96589	79.35	ng	96
3) Pyridine	2.34	79	216639	80.10	ng	98
4) n-Nitrosodimethylamine	2.32	42	92394	80.03	ng	95
6) Aniline	6.97	93	336136	79.17	ng	98
8) 2-Chlorophenol	7.14	128	224466	82.80	ng	93
9) Benzaldehyde	6.78	77	78475	72.97	ng	97
10) Phenol	7.04	94	234958	75.15	ng	92
11) bis(2-Chloroethyl)ether	7.12	93	213581	77.72	ng	99
12) 1,3-Dichlorobenzene	7.37	146	246341	82.86	ng	96
13) 1,4-Dichlorobenzene	7.50	146	244144	82.23	ng	98
14) 1,2-Dichlorobenzene	7.72	146	240077	77.92	ng	96
15) Benzyl Alcohol	7.76	79	169655	86.03	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.96	45	264051	77.91	ng	# 53
17) 2-Methylphenol	7.98	107	164251	82.82	ng	99
18) Hexachloroethane	8.25	117	97391	78.11	ng	94
19) n-Nitroso-di-n-propylamine	8.20	70	172464	152.63	ng	97
20) 3+4-Methylphenols	8.24	107	220030	84.74	ng	96
22) Acetophenone	8.16	105	339002	88.56	ng	100
24) Nitrobenzene	8.42	77	244889	80.79	ng	98
25) Isophorone	8.82	82	439982	79.49	ng	99
26) 2-Nitrophenol	8.91	139	107310	84.91	ng	93
27) 2,4-Dimethylphenol	9.06	122	191629	84.63	ng	97
28) bis(2-Chloroethoxy)methane	9.20	93	277151	83.60	ng	99
29) 2,4-Dichlorophenol	9.32	162	177612	83.38	ng	97
30) 1,2,4-Trichlorobenzene	9.43	180	195761	80.41	ng	99
31) Naphthalene	9.53	128	668932	78.02	ng	99
32) Benzoic acid	9.44	122	129588	86.16	ng	99
33) 4-Chloroaniline	9.68	127	259390	78.32	ng	98
34) Hexachlorobutadiene	9.76	225	111086	78.65	ng	97
35) Caprolactam	10.34	113	50568	80.71	ng	87
36) 4-Chloro-3-methylphenol	10.52	107	204482	81.91	ng	92
37) 2-Methylnaphthalene	10.66	142	418785	79.90	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.94	216	218693	81.52	ng	99
40) Hexachlorocyclopentadiene	10.91	237	78642	81.47	ng	99

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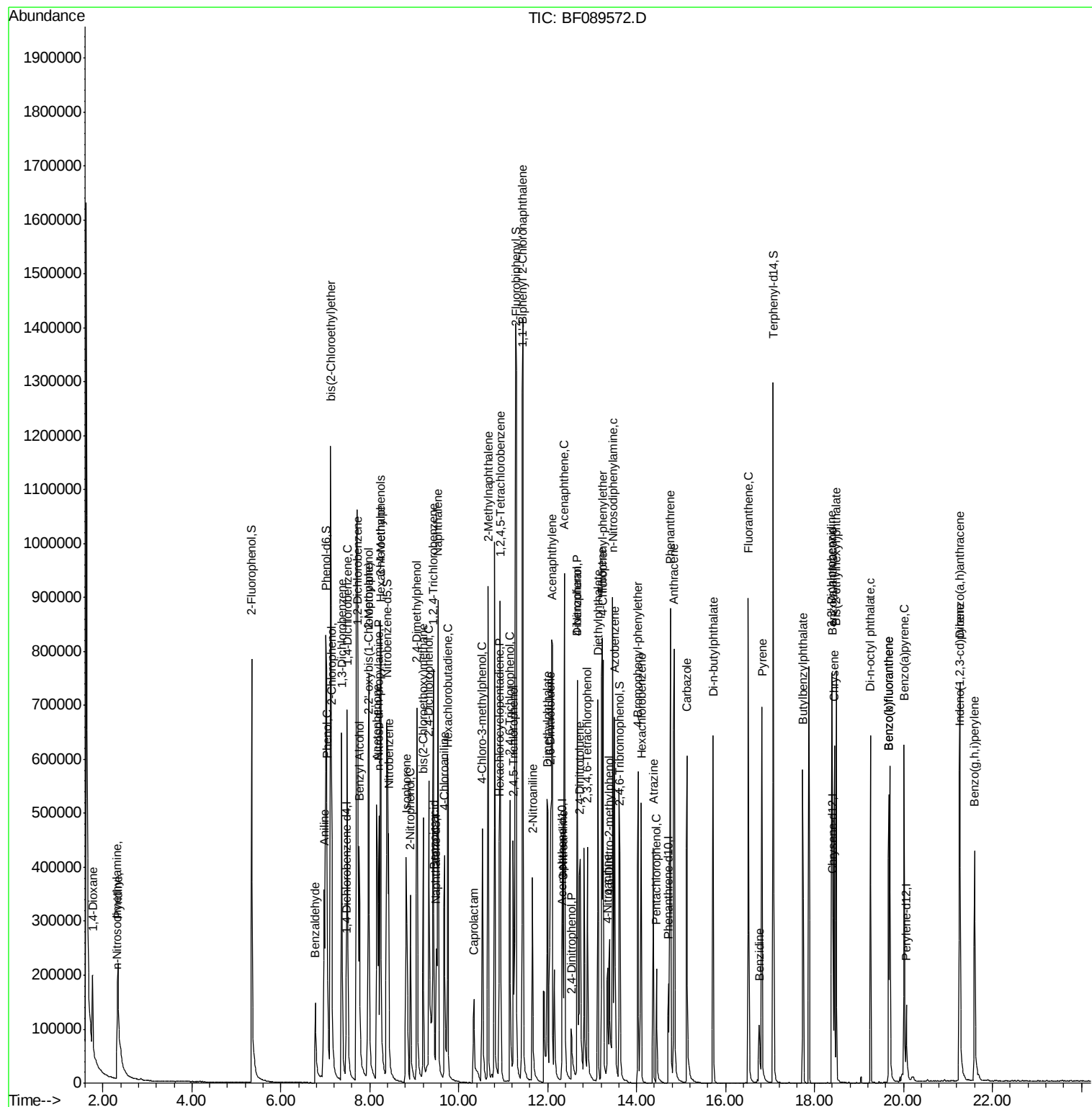
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.15	196	112502	85.79	nq	97
43) 2,4,5-Trichlorophenol	11.22	196	120981	86.29	nq	94
45) 1,1'-Biphenyl	11.43	154	501141	77.96	nq	98
46) 2-Chloronaphthalene	11.44	162	385528	80.04	nq	93
47) 2-Nitroaniline	11.66	65	126435	82.75	nq	88
48) Acenaphthylene	12.10	152	630460	79.39	nq	99
49) Dimethylphthalate	12.00	163	430444	78.93	nq	98
50) 2,6-Dinitrotoluene	12.07	165	90649	83.07	nq	# 70
51) Acenaphthene	12.38	154	364208	79.11	nq	100
52) 3-Nitroaniline	12.34	138	102168	79.42	nq	# 93
53) 2,4-Dinitrophenol	12.54	184	37007	79.95	nq	89
54) Dibenzofuran	12.66	168	489539	78.14	nq	97
55) 4-Nitrophenol	12.66	139	258066	366.11	nq	# 15
56) 2,4-Dinitrotoluene	12.73	165	117762	80.30	nq	94
57) Fluorene	13.22	166	412560	77.41	nq	100
58) 2,3,4,6-Tetrachlorophenol	12.89	232	82920	83.76	nq	99
59) Diethylphthalate	13.13	149	412501	74.65	nq	99
60) 4-Chlorophenyl-phenylether	13.25	204	191871	80.11	nq	95
61) 4-Nitroaniline	13.35	138	86795	76.99	nq	95
62) Azobenzene	13.51	77	446718	78.83	nq	96
64) 4,6-Dinitro-2-methylphenol	13.39	198	61950	80.55	nq	97
65) n-Nitrosodiphenylamine	13.46	169	346601	83.12	nq	99
66) 4-Bromophenyl-phenylether	14.03	248	105554	88.30	nq	# 84
67) Hexachlorobenzene	14.10	284	106402	82.29	nq	# 86
68) Atrazine	14.38	200	75772	70.23	nq	98
69) Pentachlorophenol	14.45	266	39427	78.64	nq	98
70) Phenanthrene	14.75	178	517801	79.22	nq	99
71) Anthracene	14.85	178	561856	78.62	nq	99
72) Carbazole	15.13	167	456531	78.98	nq	99
73) Di-n-butylphthalate	15.73	149	582684	78.81	nq	# 98
74) Fluoranthene	16.51	202	482259	72.90	nq	98
76) Benzidine	16.75	184	114178	62.49	nq	96
77) Pyrene	16.82	202	475085	79.77	nq	99
79) Butylbenzylphthalate	17.74	149	184938	82.75	nq	96
80) Benzo(a)anthracene	18.40	228	313205	80.23	nq	99
81) 3,3'-Dichlorobenzidine	18.39	252	105164	85.96	nq	99
82) Chrysene	18.45	228	324619	80.64	nq	99
83) Bis(2-ethylhexyl)phthalate	18.49	149	254481	84.48	nq	99
84) Di-n-octyl phthalate	19.26	149	413446	90.53	nq	99
85) Indeno(1,2,3-cd)pyrene	21.26	276	364511	79.82	nq	99
87) Benzo(b)fluoranthene	19.67	252	302235	74.11	nq	# 96
88) Benzo(k)fluoranthene	19.67	252	302235	75.24	nq	98
89) Benzo(a)pyrene	20.01	252	296174	78.33	nq	# 96
90) Dibenzo(a,h)anthracene	21.27	278	315152	88.05	nq	96
91) Benzo(g,h,i)perylene	21.60	276	324409	86.50	nq	100

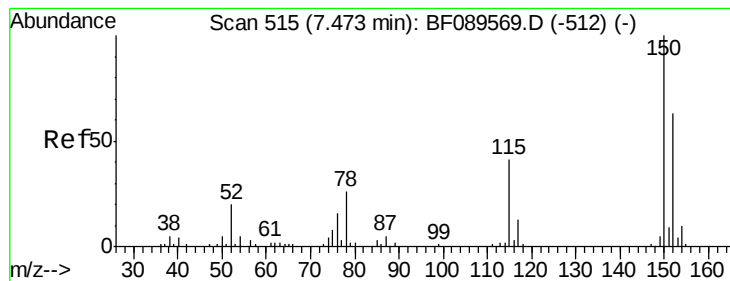
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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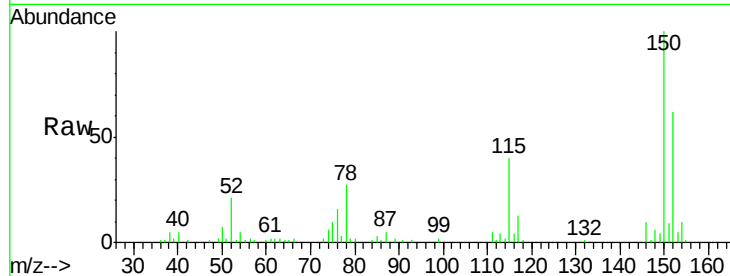




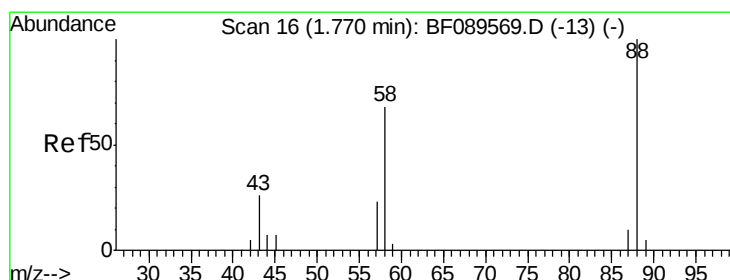
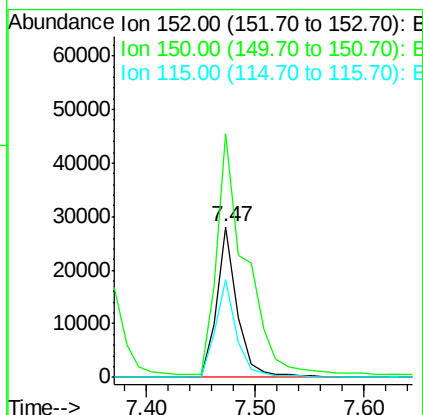
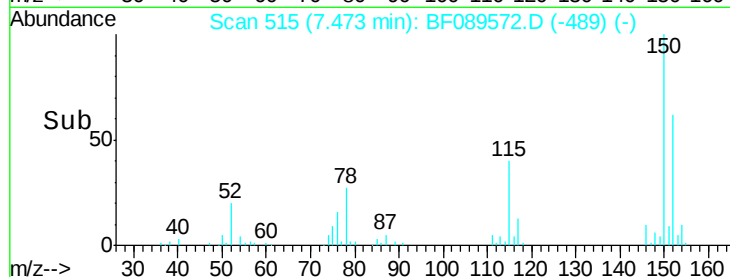
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.47 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: BF089572.D
 Acq: 3 Aug 2016 22:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 37523
 Ion Ratio Lower Upper
 152 100
 150 161.5 127.4 191.2
 115 64.8 51.8 77.8

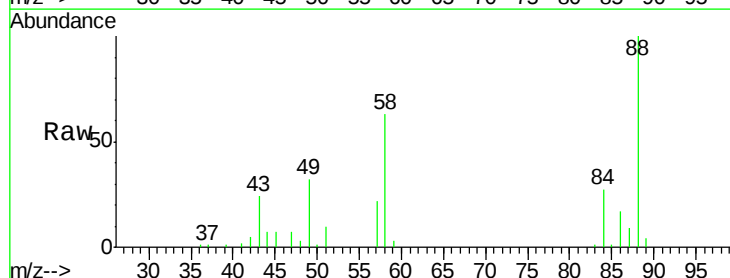


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

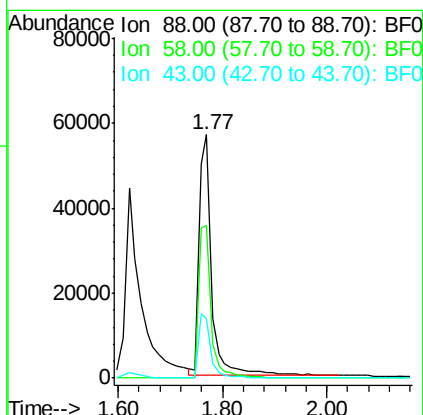
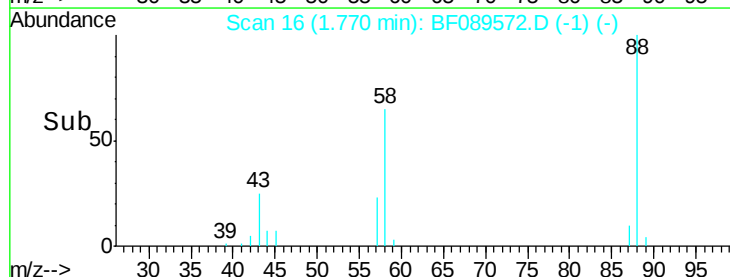


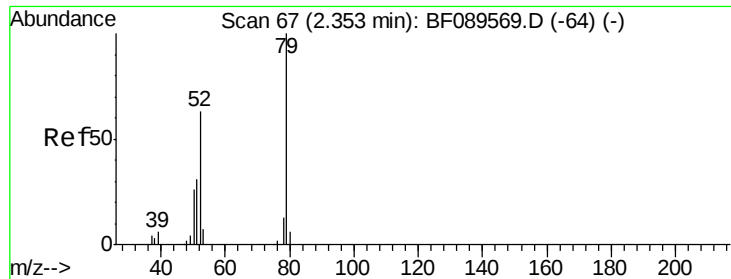
#2
 1,4-Dioxane
 Concen: 79.35 ng
 RT: 1.77 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: BF089572.D
 Acq: 3 Aug 2016 22:09

Tgt Ion: 88 Resp: 96589
 Ion Ratio Lower Upper
 88 100
 58 62.0 47.0 70.4
 43 25.3 18.9 28.3



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: 80.10 ng

RT: 2.34 min Scan# 66

Delta R.T. -0.01 min

Lab File: BF089572.D

Acq: 3 Aug 2016 22:09

Instrument :

BNA_F

ClientSampleId :

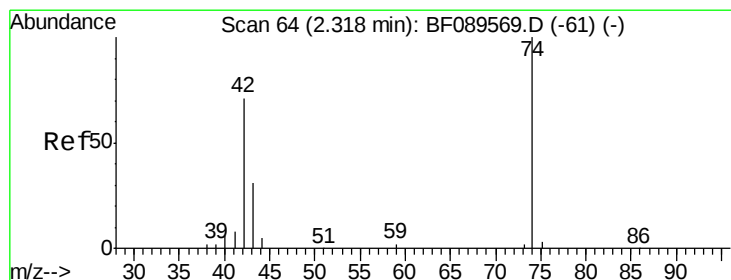
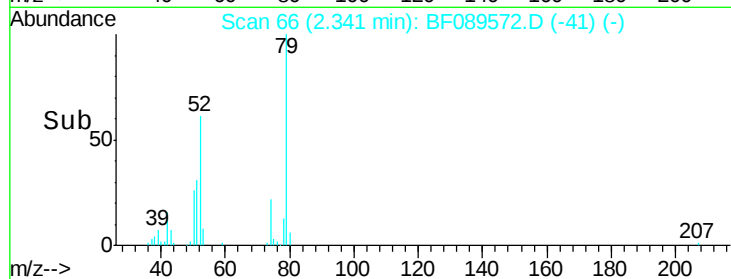
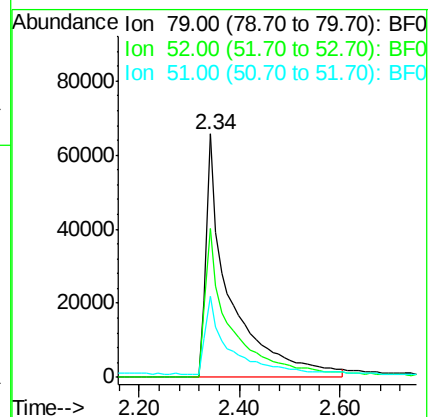
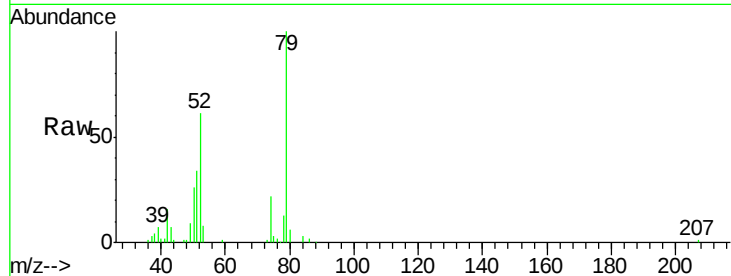
Tot Ion: 79 Resp: 216639

Ion Ratio Lower Upper

79 100

52 61.4 50.6 76.0

51 33.5 27.6 41.4



#4

n-Nitrosodimethylamine

Concen: 80.03 ng

RT: 2.32 min Scan# 64

Delta R.T. 0.00 min

Lab File: BF089572.D

Acq: 3 Aug 2016 22:09

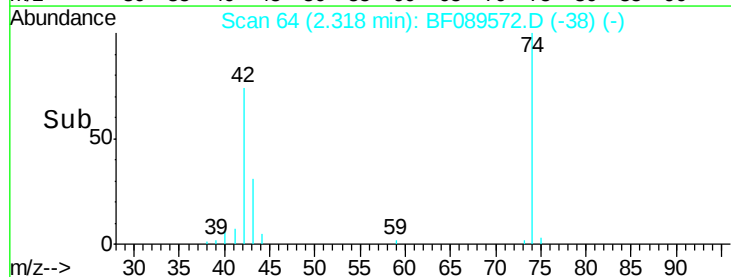
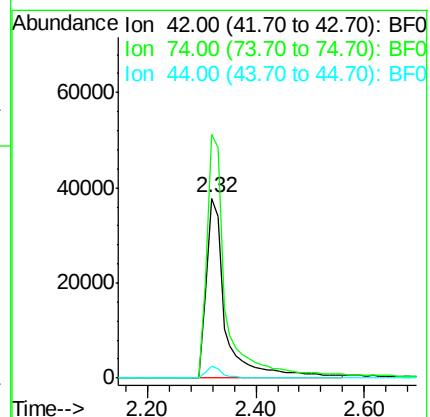
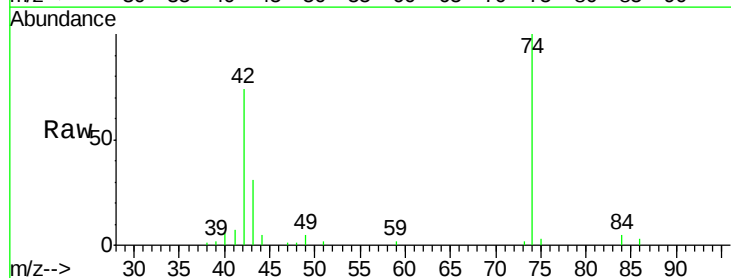
Tgt Ion: 42 Resp: 92394

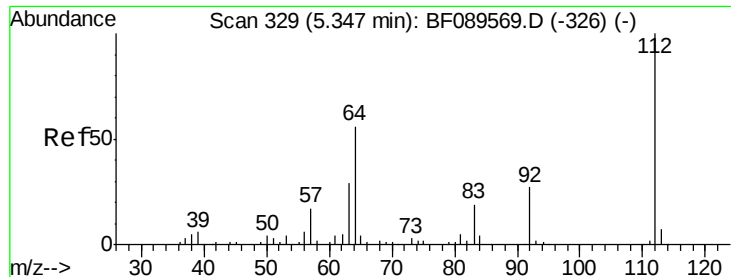
Ion Ratio Lower Upper

42 100

74 135.5 113.5 170.3

44 6.3 5.5 8.3





#5

2-Fluorophenol

Concen: 171.23 ng

RT: 5.35 min Scan# 329

Delta R.T. 0.00 min

Lab File: BF089572.D

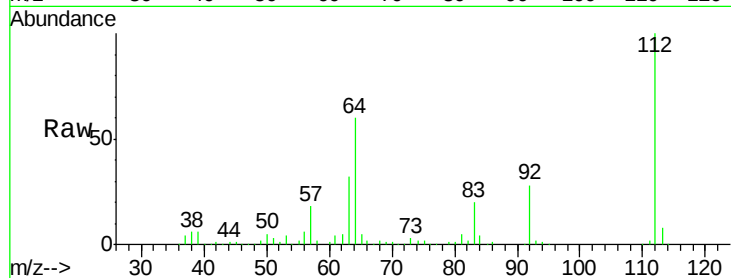
Acq: 3 Aug 2016 22:09

Instrument :

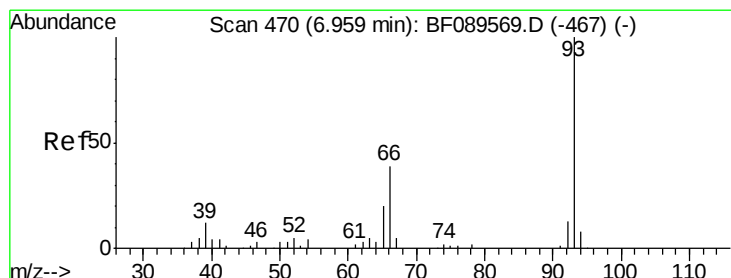
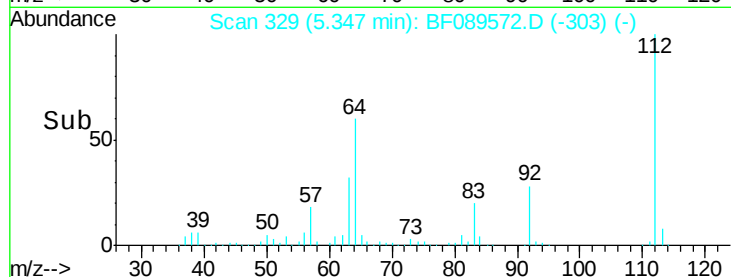
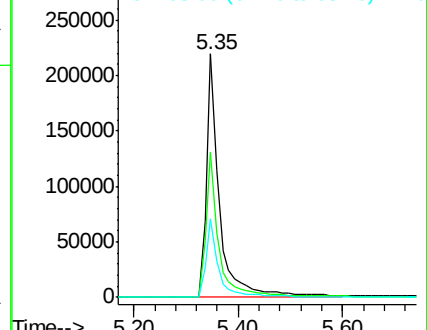
BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	387821
Ion	Ratio	Lower	Upper
112	100		
64	59.8	45.2	67.8
63	32.1	23.1	34.7



Abundance Ion 112.00 (111.70 to 112.70): BF089572.D (-326) (-)



#6

Aniline

Concen: 79.17 ng

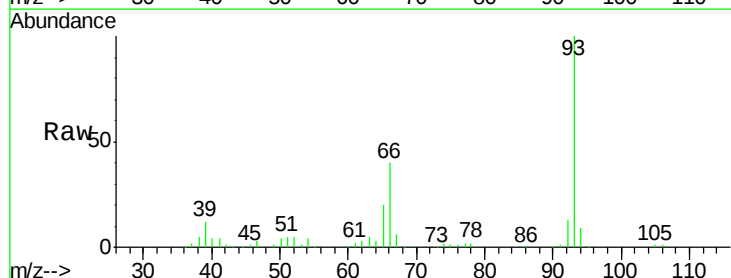
RT: 6.97 min Scan# 471

Delta R.T. 0.01 min

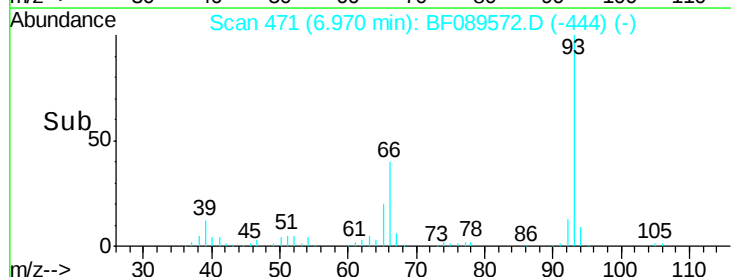
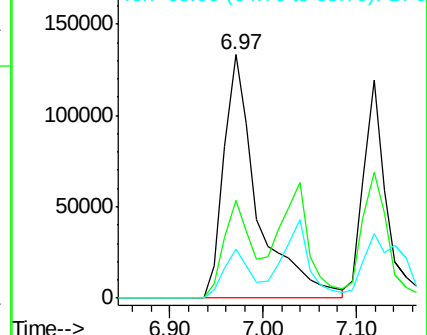
Lab File: BF089572.D

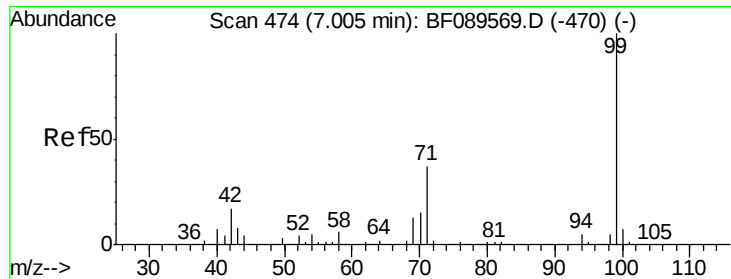
Acq: 3 Aug 2016 22:09

Tgt Ion:	93	Resp:	336136
Ion	Ratio	Lower	Upper
93	100		
66	40.2	31.1	46.7
65	20.0	15.7	23.5



Abundance Ion 93.00 (92.70 to 93.70): BF089572.D (-444) (-)





#7

Phenol-d6

Concen: 168.87 ng

RT: 7.02 min Scan# 475

Delta R.T. 0.01 min

Lab File: BF089572.D

Acq: 3 Aug 2016 22:09

Instrument :

BNA_F

ClientSampleId :

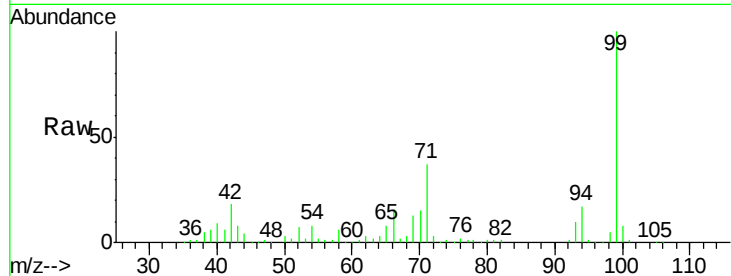
Tot Ion: 99 Resp: 509803

Ion Ratio Lower Upper

99 100

42 18.2 13.9 20.9

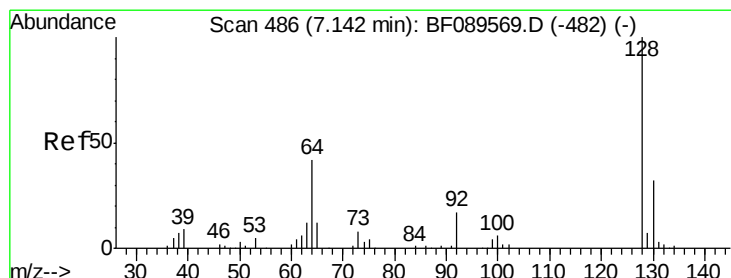
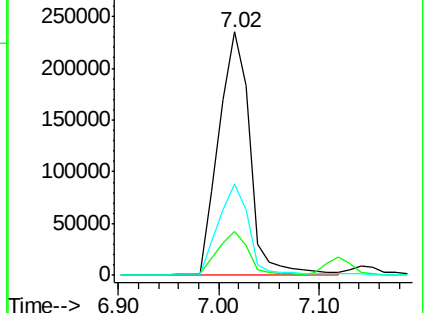
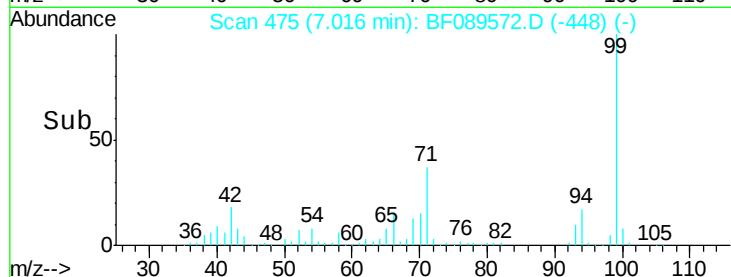
71 37.3 29.3 43.9



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: 82.80 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF089572.D

Acq: 3 Aug 2016 22:09

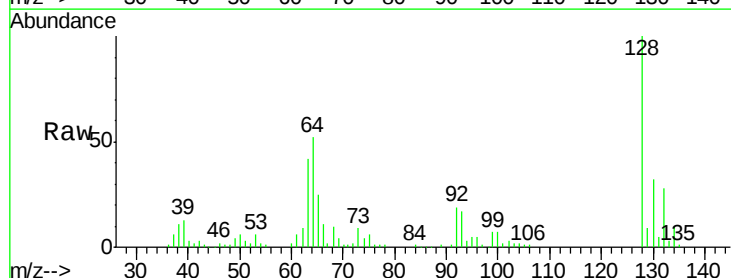
Tgt Ion: 128 Resp: 224466

Ion Ratio Lower Upper

128 100

130 31.8 12.4 52.4

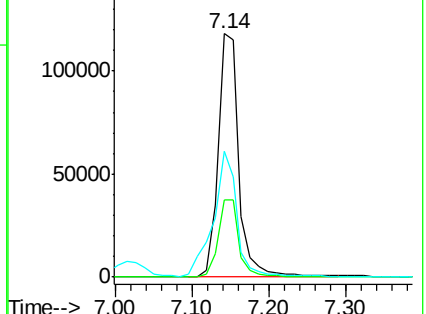
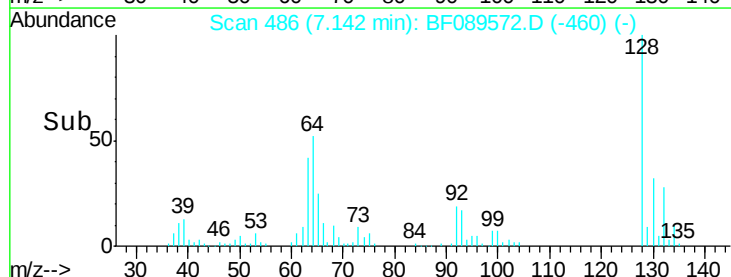
64 51.7 24.0 64.0

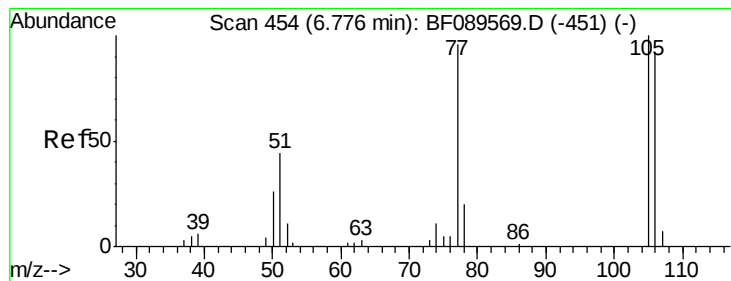


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 72.97 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF089572.D

Acq: 3 Aug 2016 22:09

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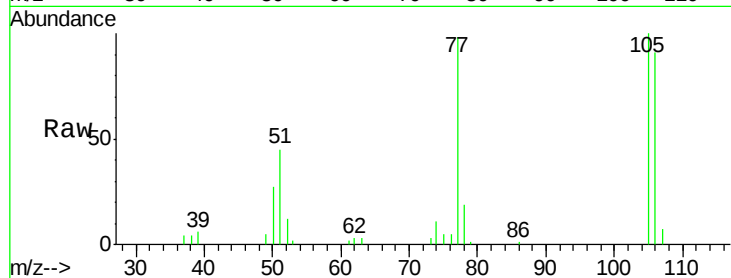
Tot Ion: 77 Resp: 78475

Ion Ratio Lower Upper

77 100

105 101.7 84.0 124.0

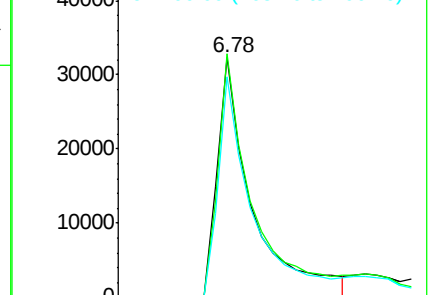
106 92.3 75.3 115.3



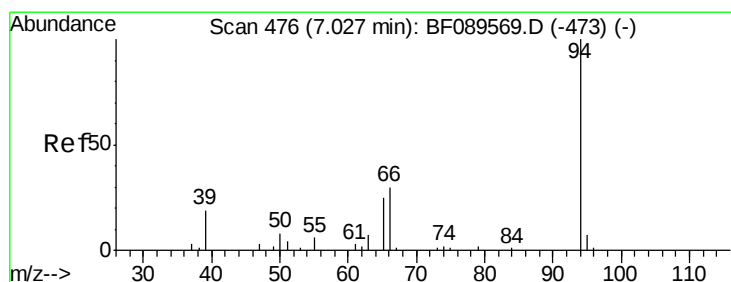
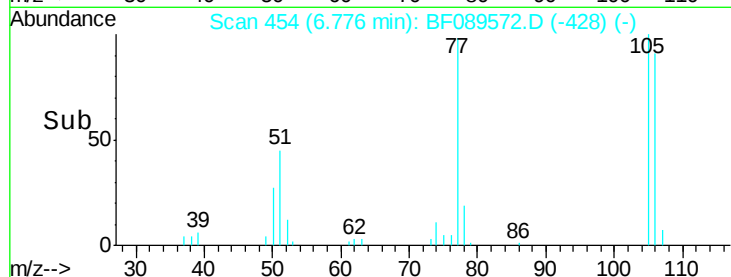
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



Time-->



#10

Phenol

Concen: 75.15 ng

RT: 7.04 min Scan# 477

Delta R.T. 0.01 min

Lab File: BF089572.D

Acq: 3 Aug 2016 22:09

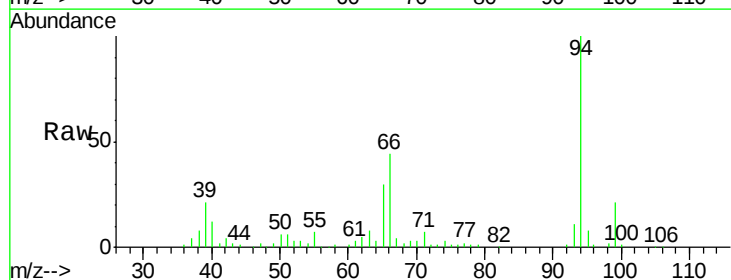
Tgt Ion: 94 Resp: 234958

Ion Ratio Lower Upper

94 100

65 29.6 11.9 51.9

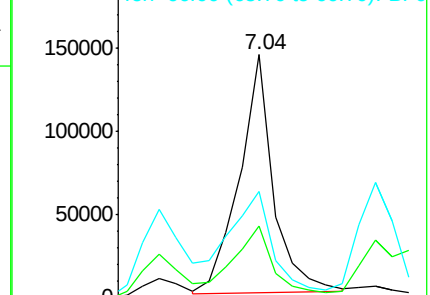
66 43.6 30.9 70.9



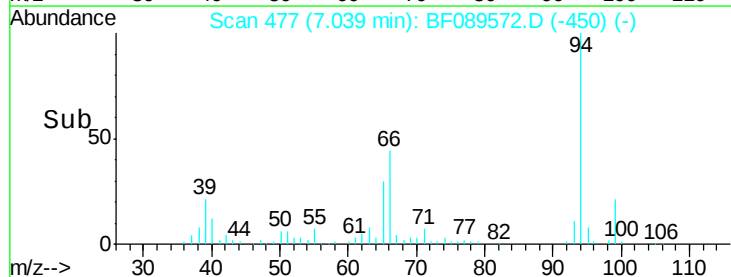
Abundance Ion 94.00 (93.70 to 94.70): BF0

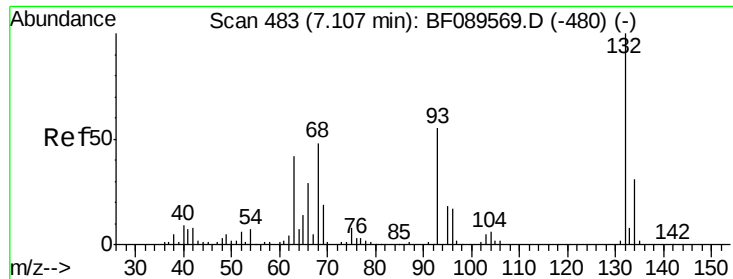
Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



Time-->

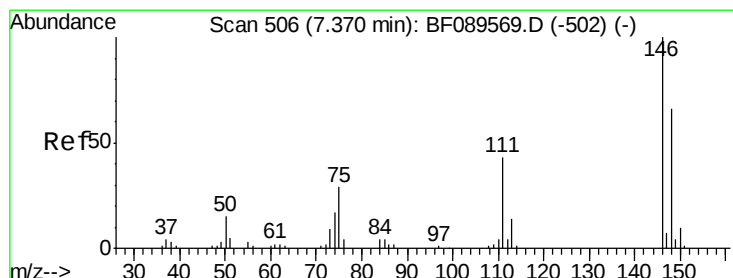
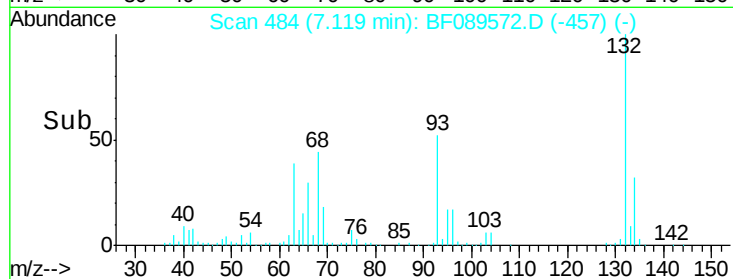
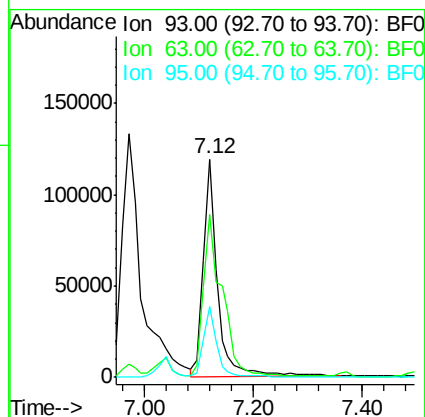
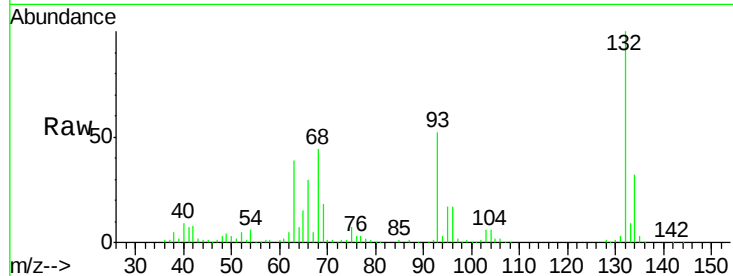




#11
bis(2-Chloroethyl)ether
Concen: 77.72 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.01 min
Lab File: BF089572.D
Acq: 3 Aug 2016 22:09

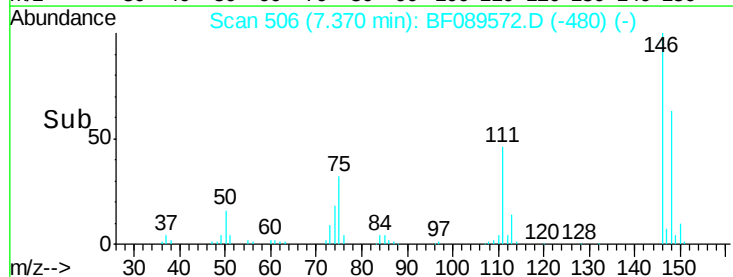
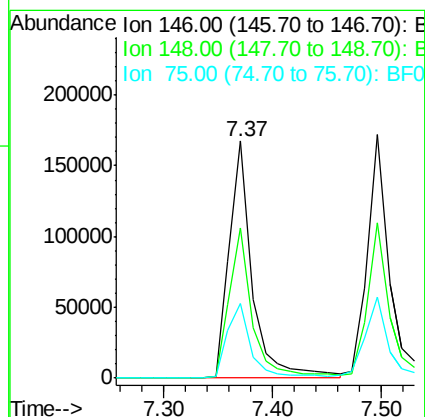
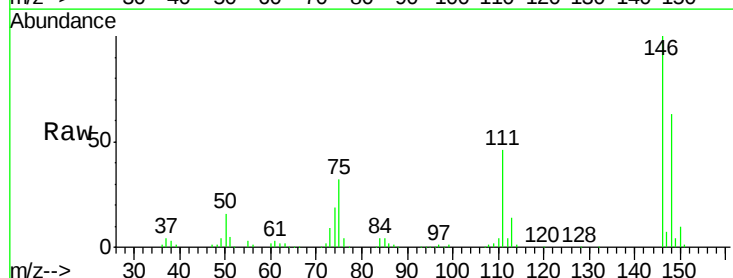
Instrument :
BNA_F
ClientSampleId :

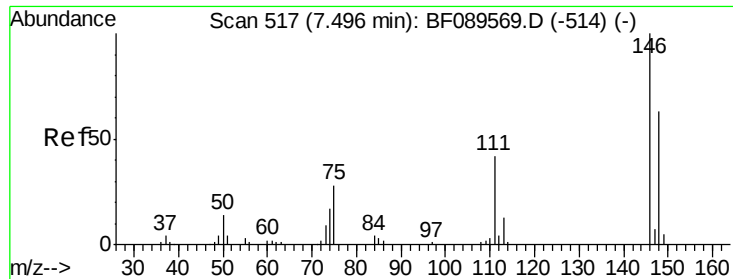
Tot Ion: 93 Resp: 213581
Ion Ratio Lower Upper
93 100
63 74.9 54.0 94.0
95 32.7 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 82.86 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF089572.D
Acq: 3 Aug 2016 22:09

Tgt Ion: 146 Resp: 246341
Ion Ratio Lower Upper
146 100
148 63.4 52.7 79.1
75 31.6 23.3 34.9

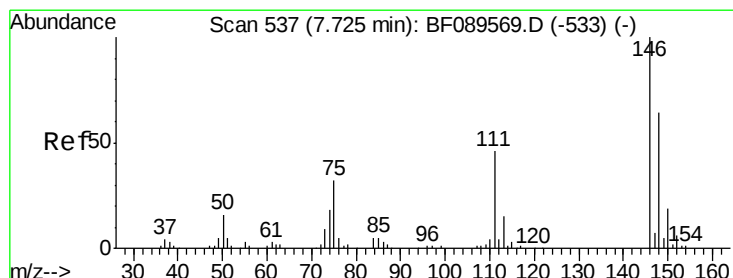
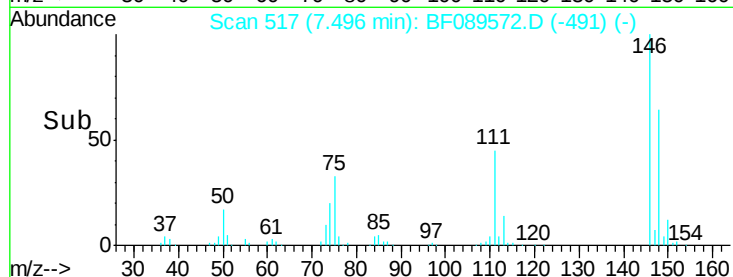
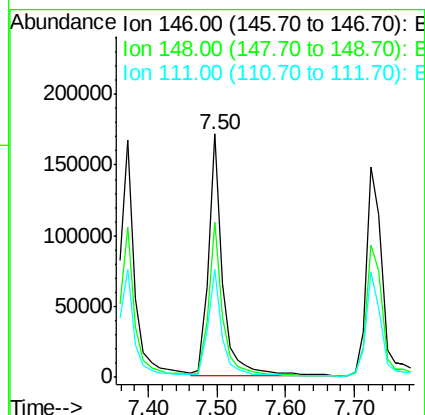
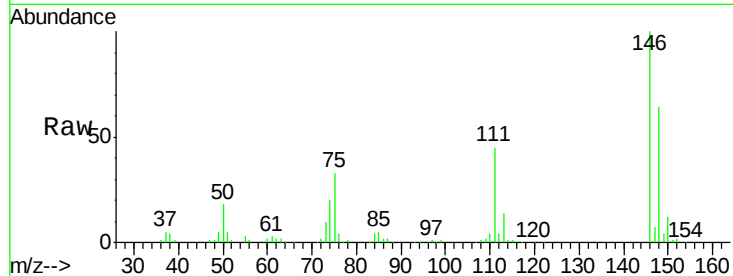




#13
 1,4-Dichlorobenzene
 Concen: 82.23 ng
 RT: 7.50 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF089572.D
 Acq: 3 Aug 2016 22:09

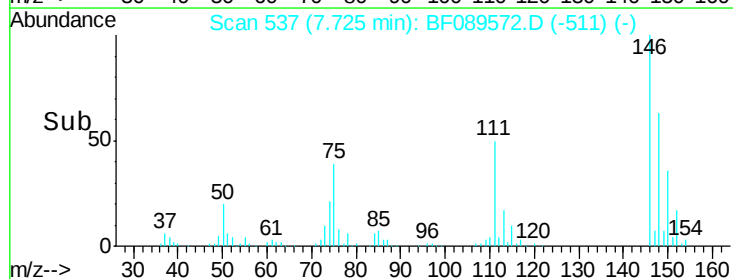
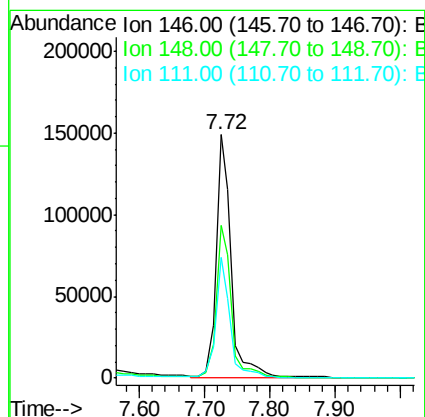
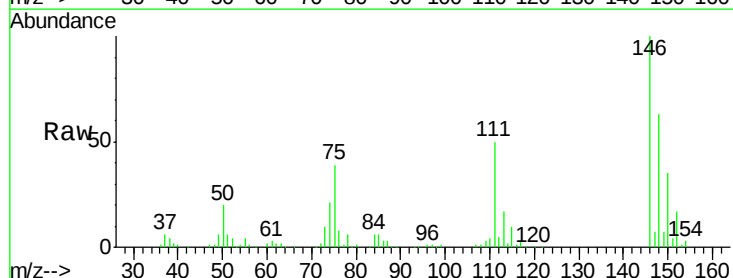
Instrument :
 BNA_F
 ClientSampled :

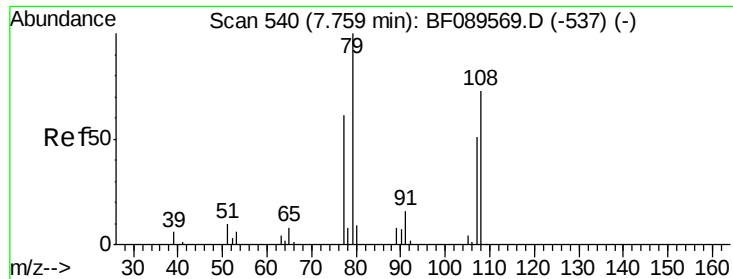
Tot Ion:146 Resp: 244144
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 76.0
 111 44.5 33.7 50.5



#14
 1,2-Dichlorobenzene
 Concen: 77.92 ng
 RT: 7.72 min Scan# 537
 Delta R.T. 0.00 min
 Lab File: BF089572.D
 Acq: 3 Aug 2016 22:09

Tgt Ion:146 Resp: 240077
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.4 77.0
 111 49.7 36.6 55.0





#15

Benzyl Alcohol

Concen: 86.03 ng

RT: 7.76 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF089572.D

Acq: 3 Aug 2016 22:09

Instrument :
BNA_F
ClientSampleId :

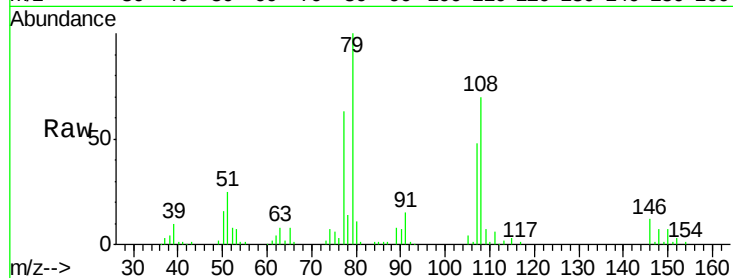
Tot Ion: 79 Resp: 169655

Ion Ratio Lower Upper

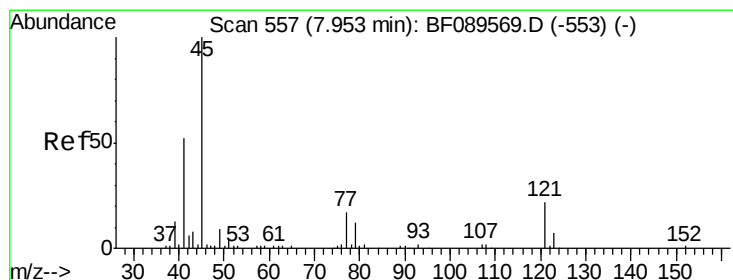
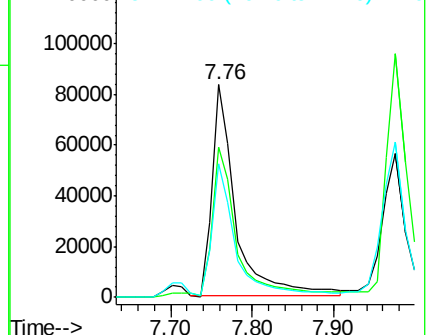
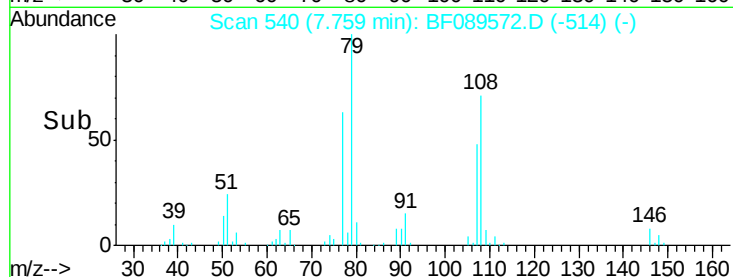
79 100

108 70.5 60.6 90.8

77 63.0 50.0 75.0



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 77.91 ng

RT: 7.96 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF089572.D

Acq: 3 Aug 2016 22:09

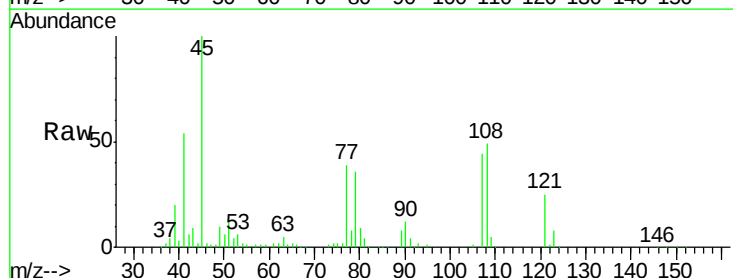
Tgt Ion: 45 Resp: 264051

Ion Ratio Lower Upper

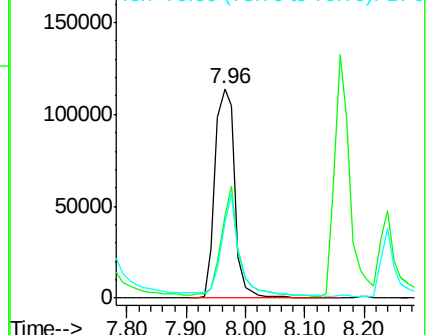
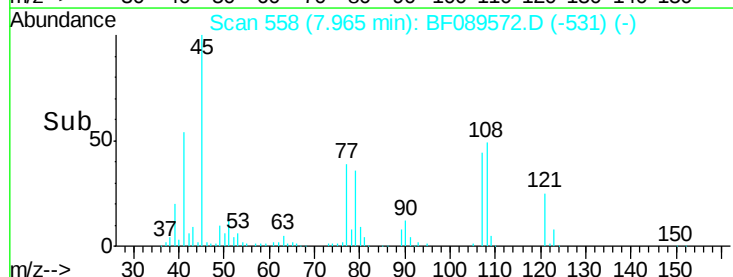
45 100

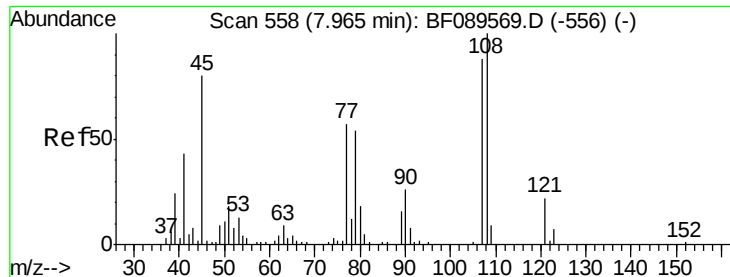
77 39.3 0.0 38.9#

79 36.1 0.0 35.2#



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

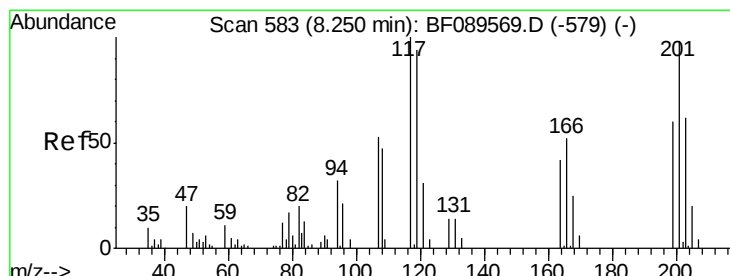
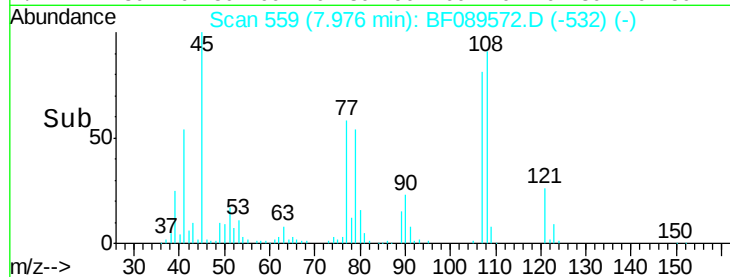
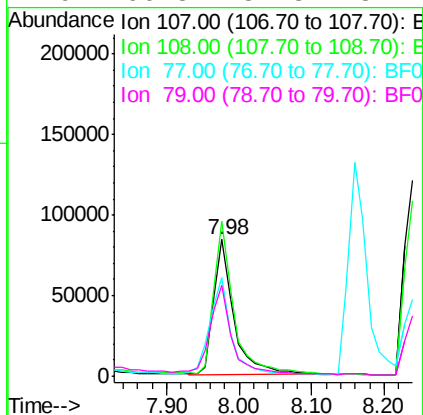
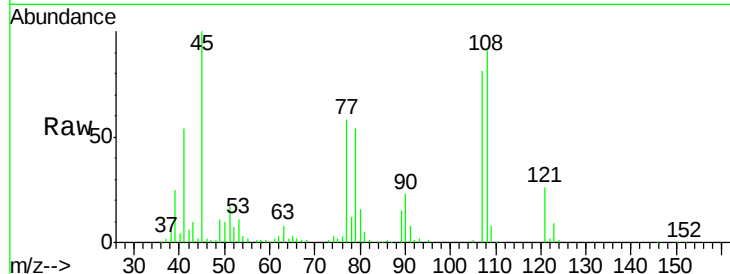




#17
2-Methylphenol
Concen: 82.82 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.01 min
Lab File: BF089572.D
Acq: 3 Aug 2016 22:09

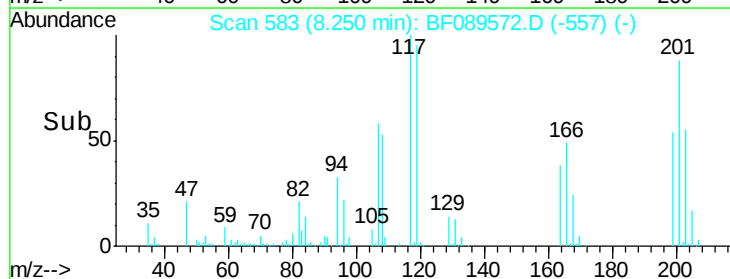
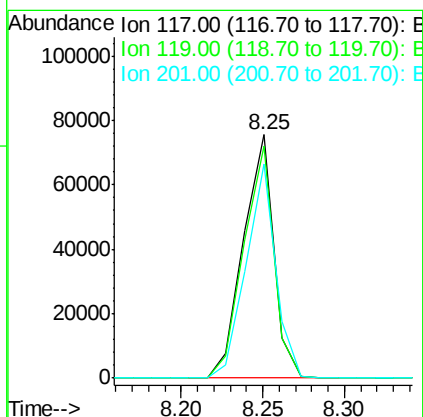
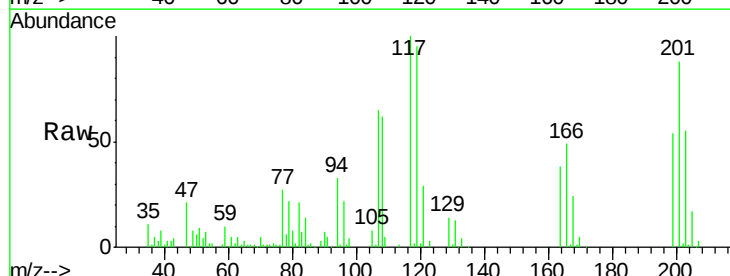
Instrument :
BNA_F
ClientSampleId :

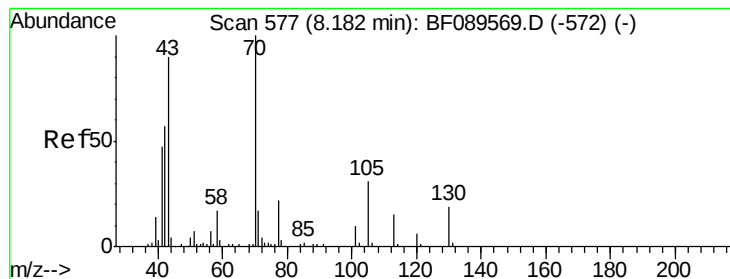
Tot Ion:	107	Resp:	164251
Ion	Ratio	Lower	Upper
107	100		
108	113.2	91.3	136.9
77	72.2	58.1	87.1
79	66.8	54.8	82.2



#18
Hexachloroethane
Concen: 78.11 ng
RT: 8.25 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF089572.D
Acq: 3 Aug 2016 22:09

Tgt Ion:	117	Resp:	97391
Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.5	113.3
201	88.2	78.8	118.2





#19

n-Nitroso-di-n-propylamine

Concen: 152.63 ng

RT: 8.20 min Scan# 579

Delta R.T. 0.02 min

Lab File: BF089572.D

Acq: 3 Aug 2016 22:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 172464

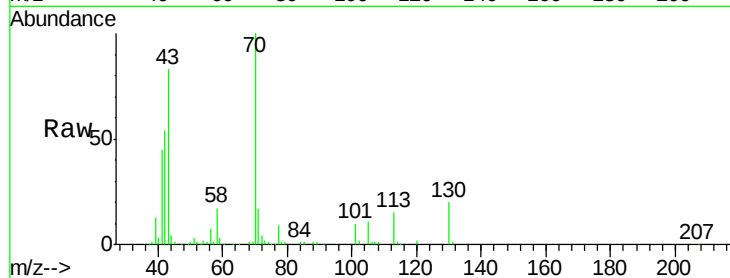
Ion Ratio Lower Upper

70 100

42 53.9 45.5 68.3

101 9.7 7.7 11.5

130 19.8 15.3 22.9

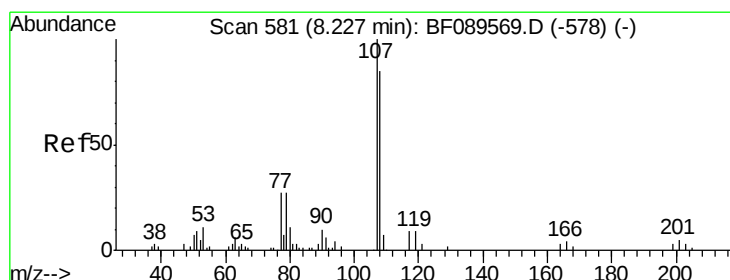
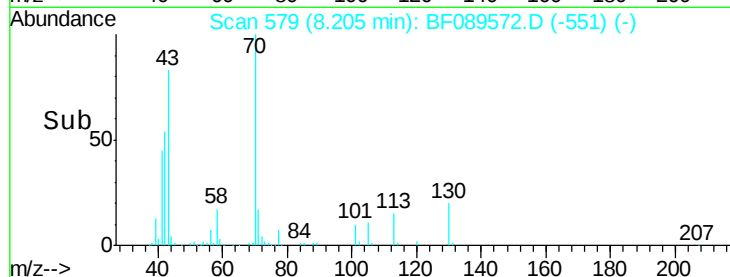
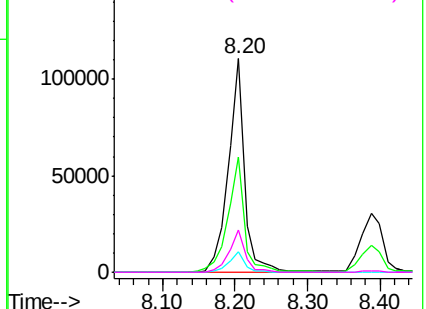


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 84.74 ng

RT: 8.24 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF089572.D

Acq: 3 Aug 2016 22:09

Tgt Ion: 107 Resp: 220030

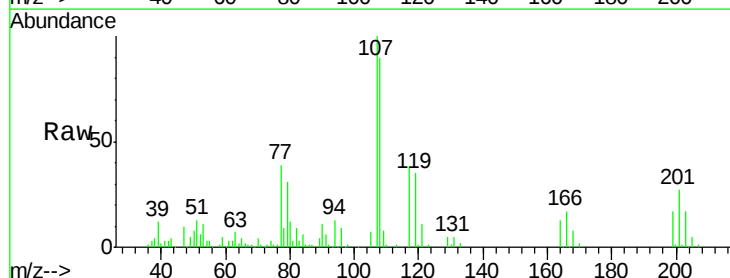
Ion Ratio Lower Upper

107 100

108 89.8 65.6 105.6

77 39.0 20.1 60.1

79 30.9 8.2 48.2

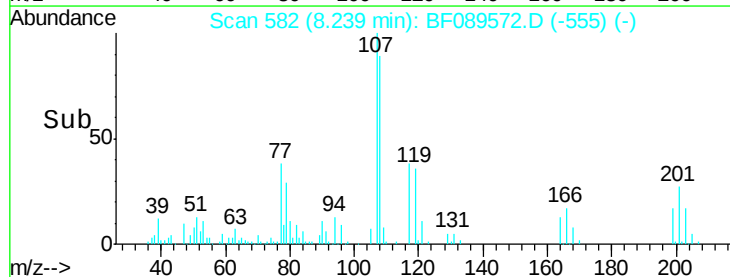
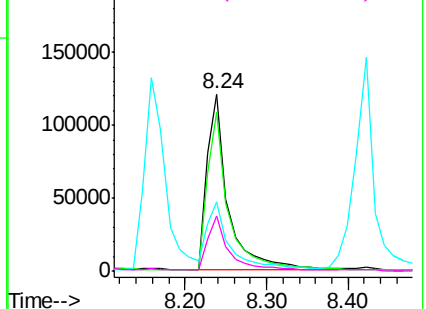


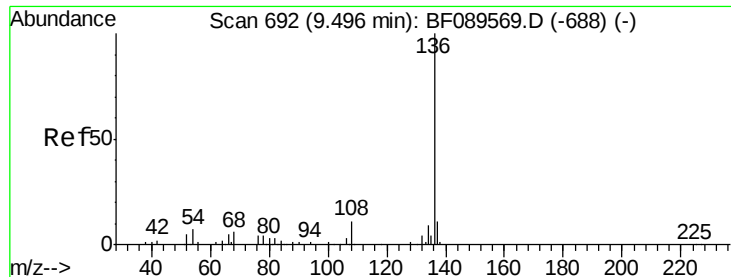
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

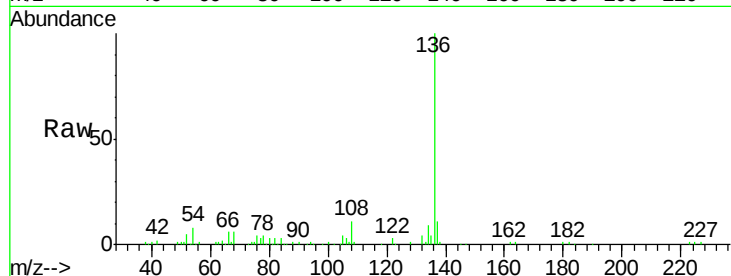




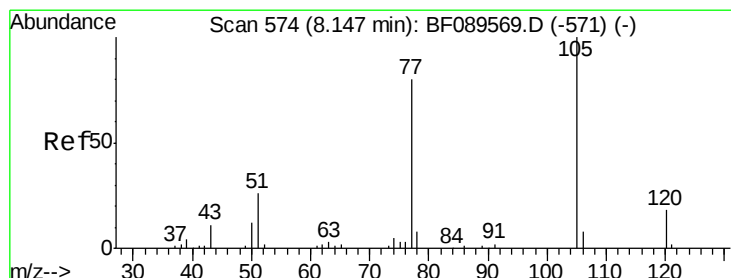
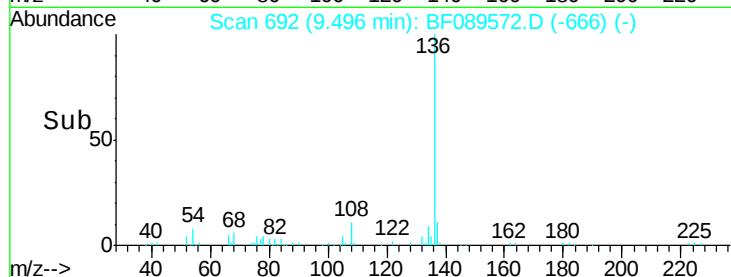
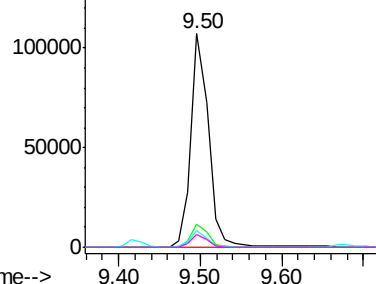
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.50 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF089572.D
Acq: 3 Aug 2016 22:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	161263
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	7.7	5.9 8.9
68	5.9	4.5 6.7

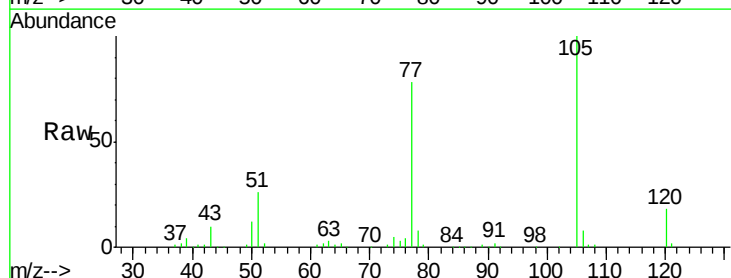


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

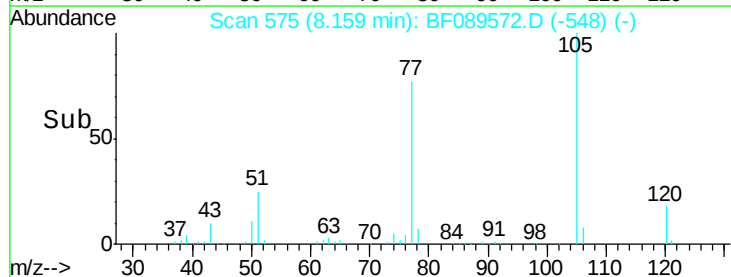
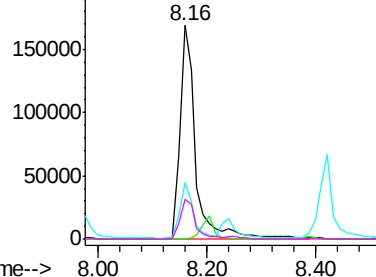


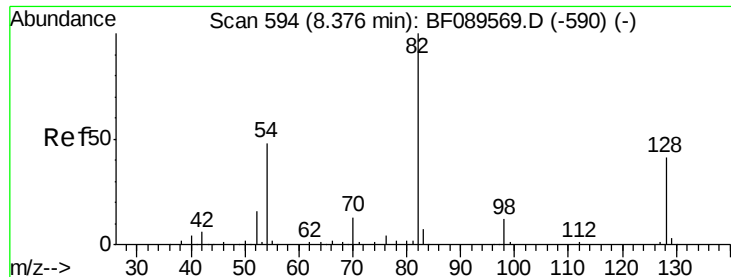
#22
Acetophenone
Concen: 88.56 ng
RT: 8.16 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF089572.D
Acq: 3 Aug 2016 22:09

Tgt Ion:105	Resp:	339002
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.0 0.0
51	26.2	21.1 31.7
120	18.4	14.7 22.1



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

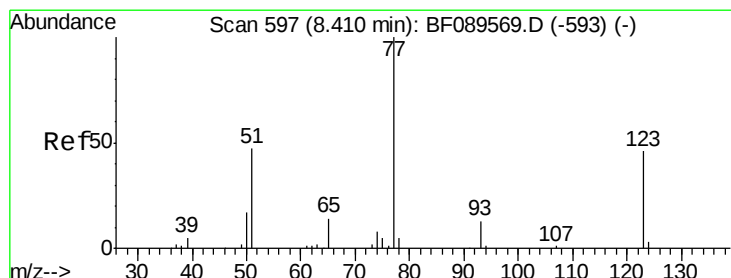
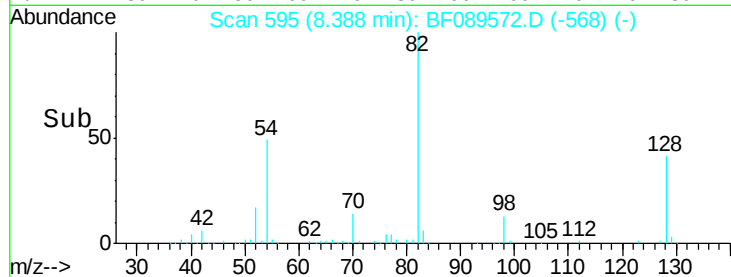
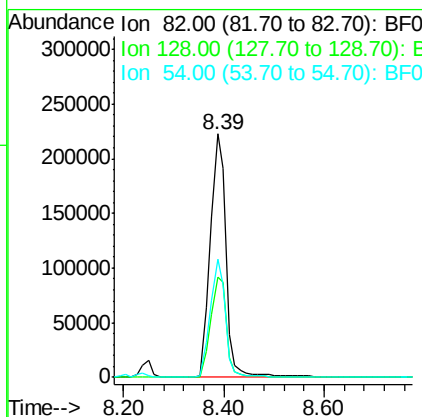
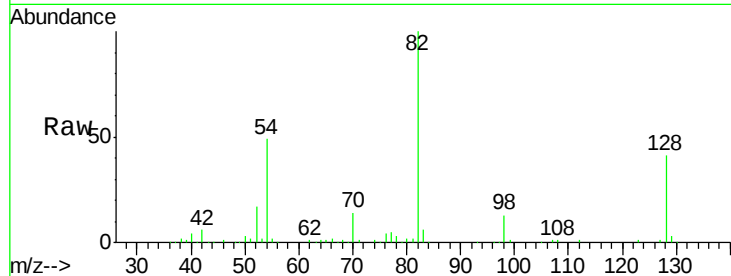




#23
 Nitrobenzene-d5
 Concen: 167.06 ng
 RT: 8.39 min Scan# 595
 Delta R.T. 0.01 min
 Lab File: BF089572.D
 Acq: 3 Aug 2016 22:09

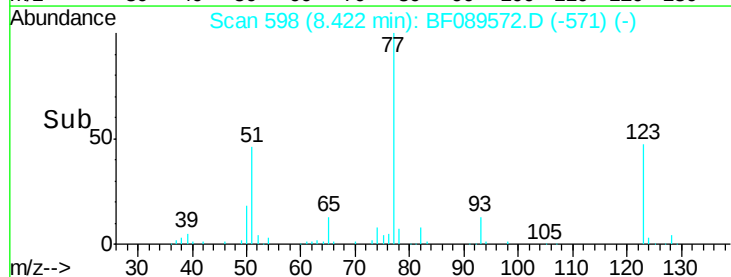
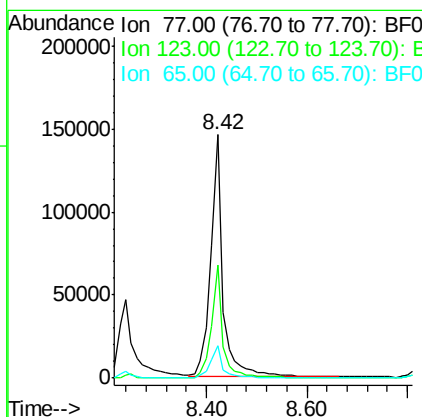
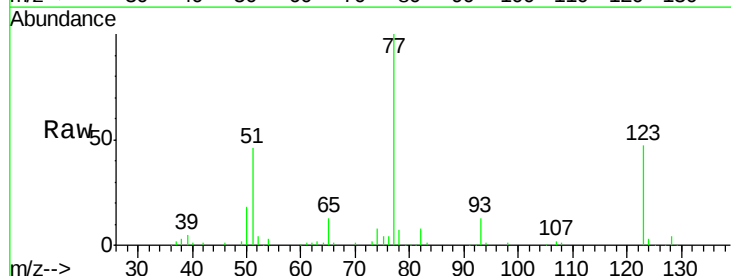
Instrument :
 BNA_F
 ClientSampled :

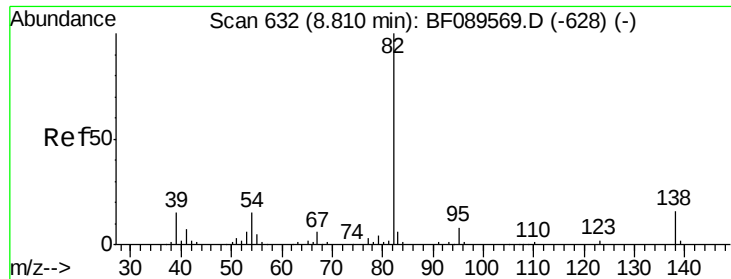
Tot Ion	82	Resp	486996
Ion Ratio	100	Lower	Upper
128	41.3	32.4	48.6
54	48.5	38.6	58.0



#24
 Nitrobenzene
 Concen: 80.79 ng
 RT: 8.42 min Scan# 598
 Delta R.T. 0.01 min
 Lab File: BF089572.D
 Acq: 3 Aug 2016 22:09

Tgt Ion	77	Resp	244889
Ion Ratio	100	Lower	Upper
123	46.5	36.2	54.2
65	13.1	10.7	16.1

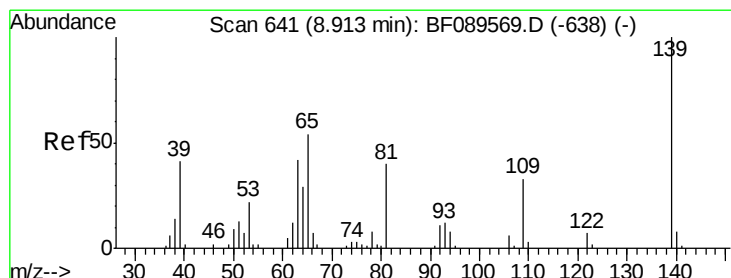
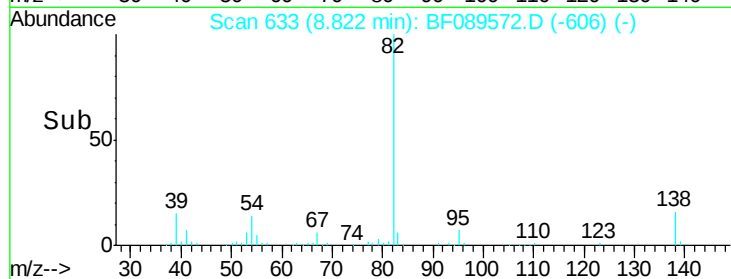
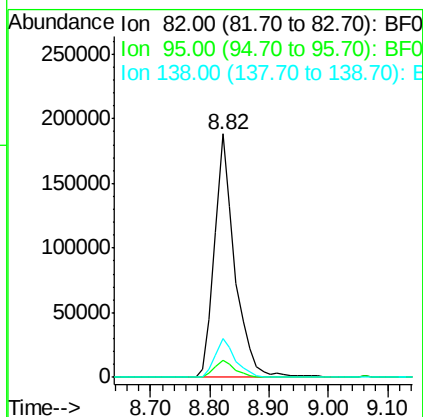
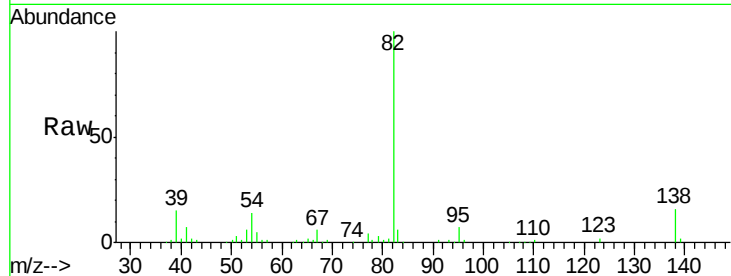




#25
Isophorone
Concen: 79.49 ng
RT: 8.82 min Scan# 633
Delta R.T. 0.01 min
Lab File: BF089572.D
Acq: 3 Aug 2016 22:09

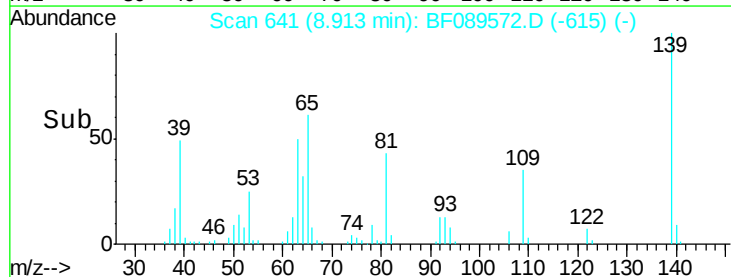
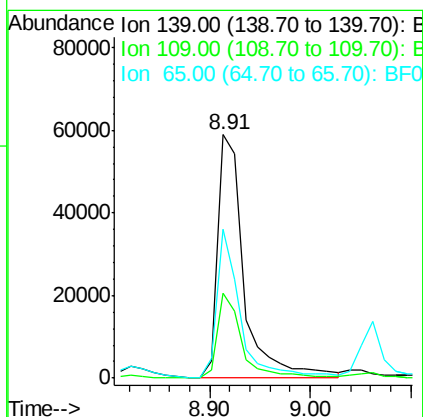
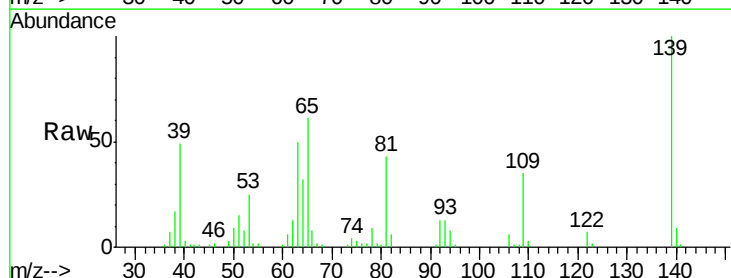
Instrument :
BNA_F
ClientSampled :

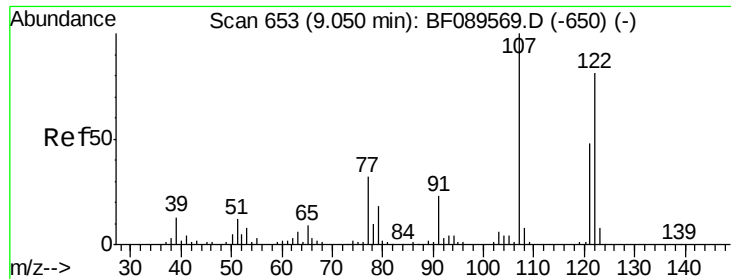
Tot Ion: 82 Resp: 439982
Ion Ratio Lower Upper
82 100
95 7.3 6.1 9.1
138 15.9 13.0 19.4



#26
2-Nitrophenol
Concen: 84.91 ng
RT: 8.91 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF089572.D
Acq: 3 Aug 2016 22:09

Tgt Ion: 139 Resp: 107310
Ion Ratio Lower Upper
139 100
109 34.7 26.7 40.1
65 61.1 43.3 64.9

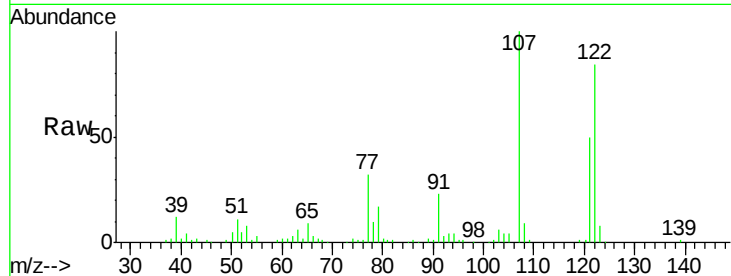




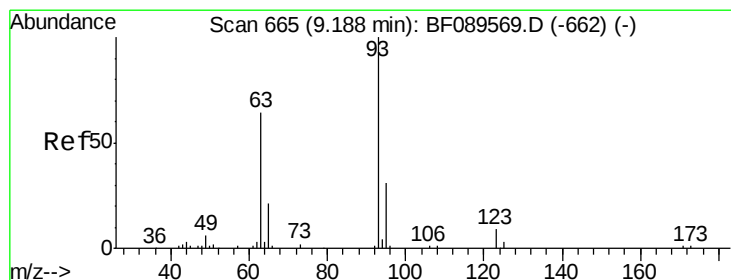
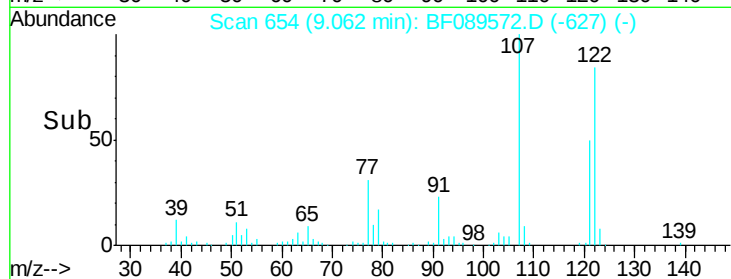
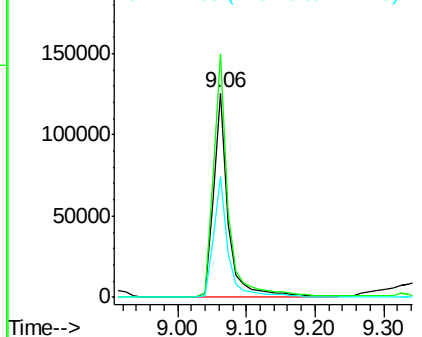
#27
 2,4-Dimethylphenol
 Concen: 84.63 ng
 RT: 9.06 min Scan# 654
 Delta R.T. 0.01 min
 Lab File: BF089572.D
 Acq: 3 Aug 2016 22:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.3	99.3	148.9
121	59.2	47.8	71.8

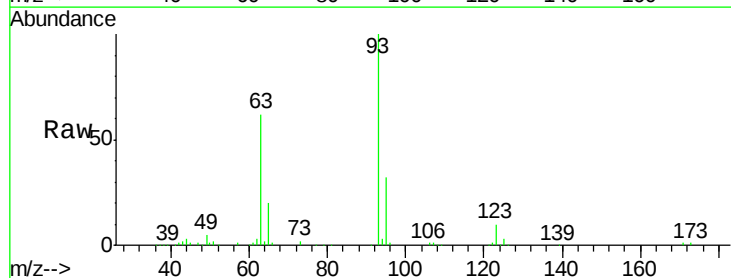


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

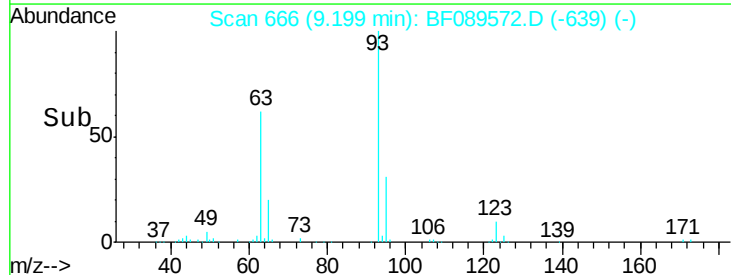
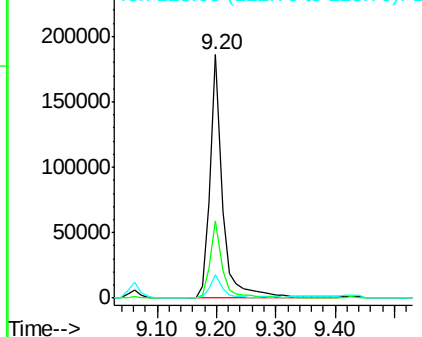


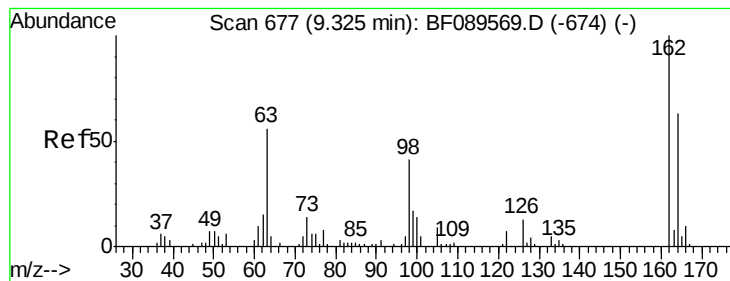
#28
 bis(2-Chloroethoxy)methane
 Concen: 83.60 ng
 RT: 9.20 min Scan# 666
 Delta R.T. 0.01 min
 Lab File: BF089572.D
 Acq: 3 Aug 2016 22:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.0	37.6
123	9.8	7.4	11.2



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: 83.38 ng

RT: 9.32 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF089572.D

Acq: 3 Aug 2016 22:09

Instrument :

BNA_F

ClientSampled :

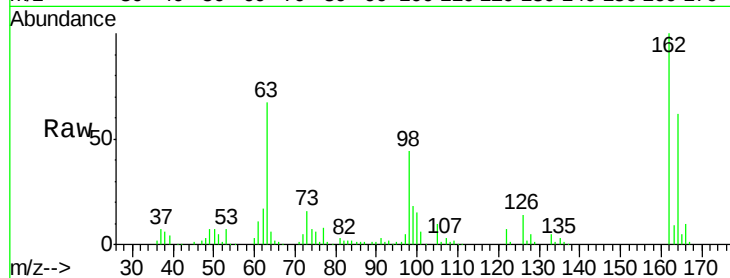
Tot Ion:162 Resp: 177612

Ion Ratio Lower Upper

162 100

164 62.2 43.1 83.1

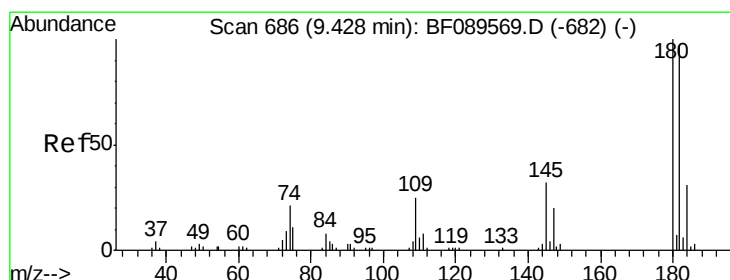
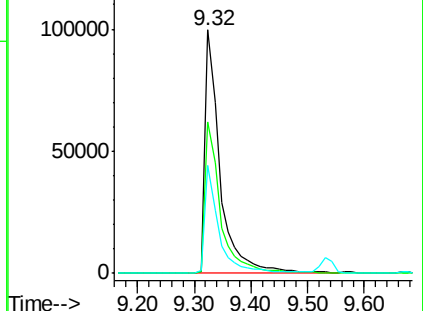
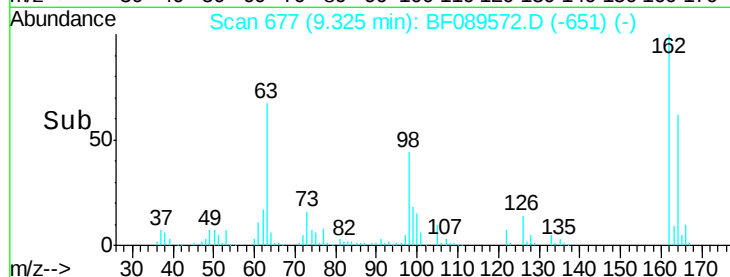
98 44.5 20.7 60.7



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: 80.41 ng

RT: 9.43 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF089572.D

Acq: 3 Aug 2016 22:09

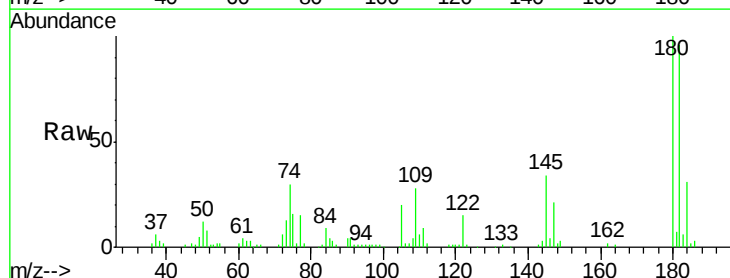
Tgt Ion:180 Resp: 195761

Ion Ratio Lower Upper

180 100

182 96.3 77.2 115.8

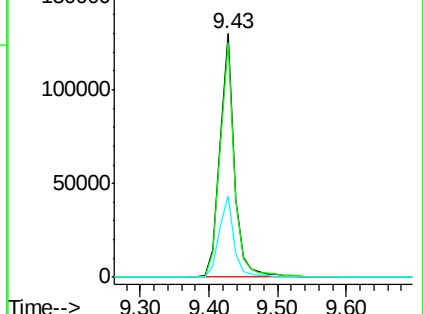
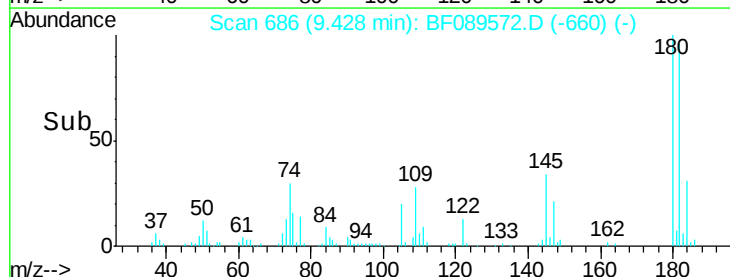
145 33.5 25.3 37.9

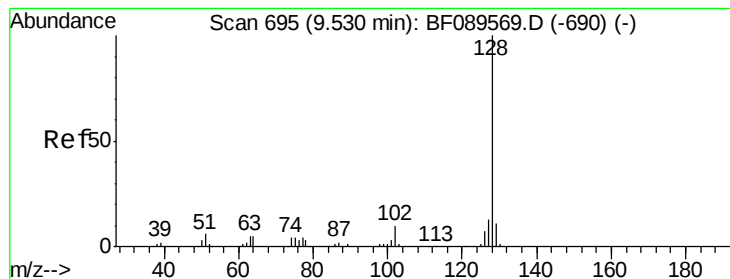


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 78.02 ng

RT: 9.53 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF089572.D

Acq: 3 Aug 2016 22:09

Instrument :

BNA_F

ClientSampled :

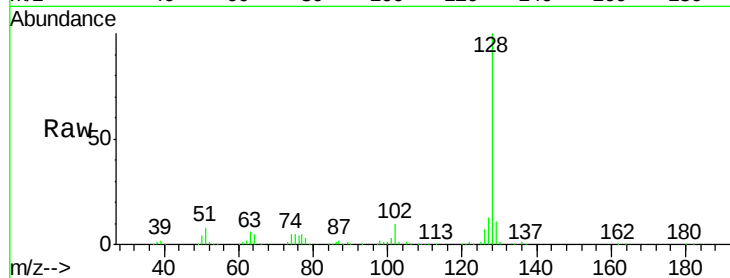
Tot Ion:128 Resp: 668932

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

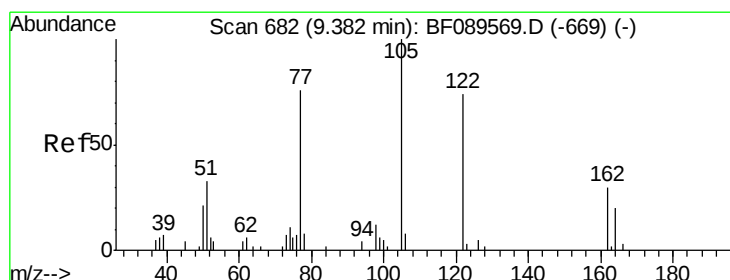
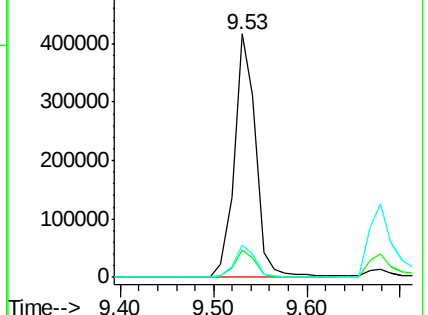
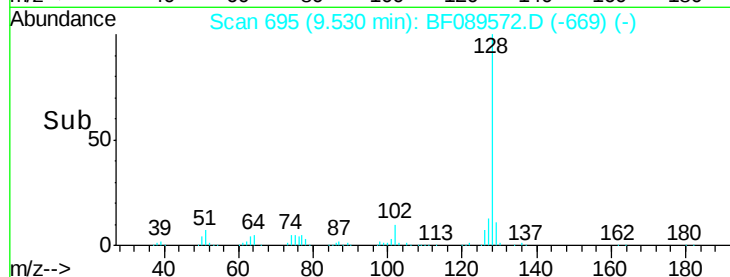
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 86.16 ng

RT: 9.44 min Scan# 687

Delta R.T. 0.06 min

Lab File: BF089572.D

Acq: 3 Aug 2016 22:09

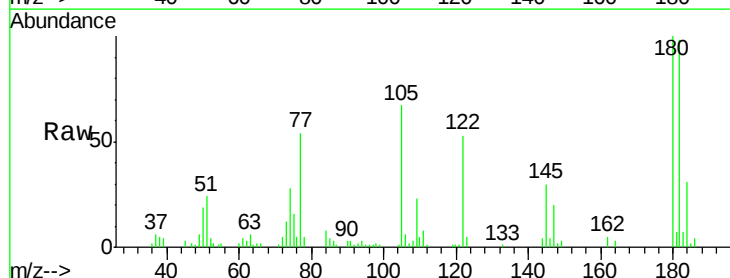
Tgt Ion:122 Resp: 129588

Ion Ratio Lower Upper

122 100

105 127.5 109.8 149.8

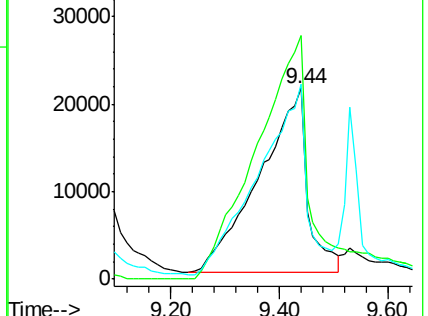
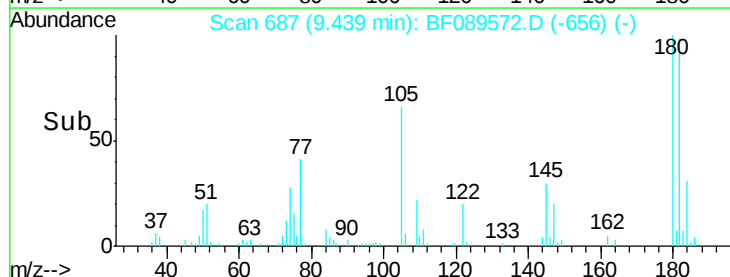
77 102.3 81.8 121.8

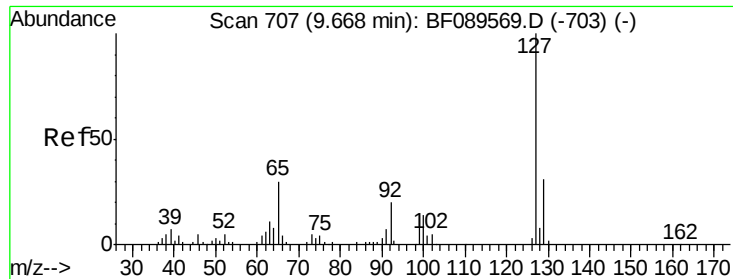


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

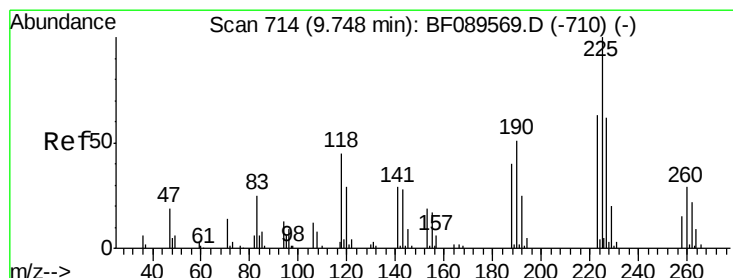
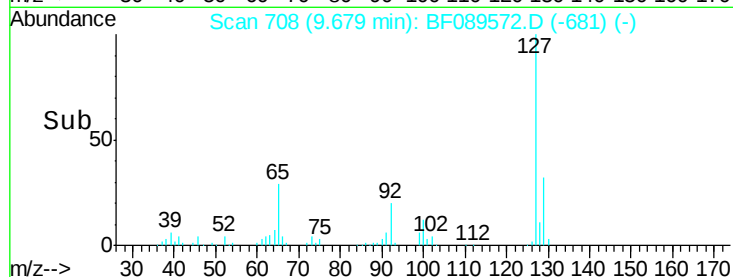
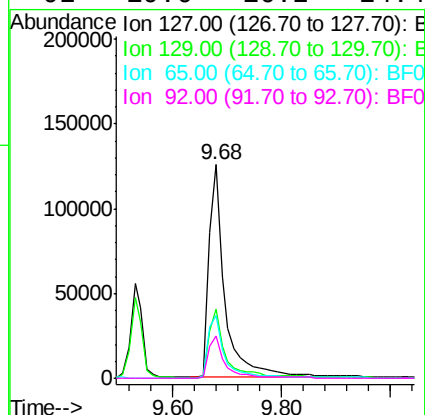
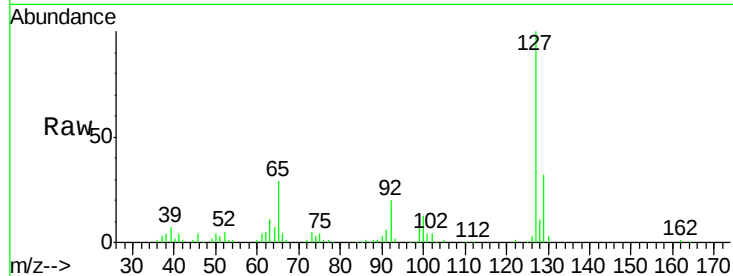




#33
4-Chloroaniline
Concen: 78.32 ng
RT: 9.68 min Scan# 708
Delta R.T. 0.01 min
Lab File: BF089572.D
Acq: 3 Aug 2016 22:09

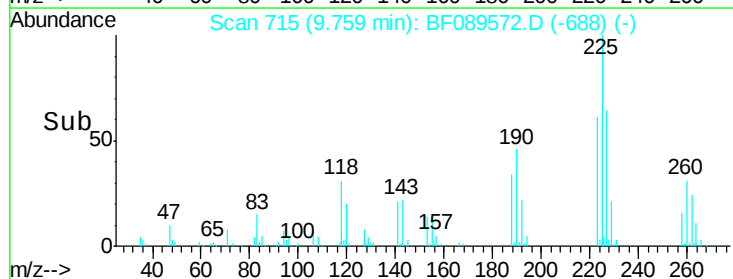
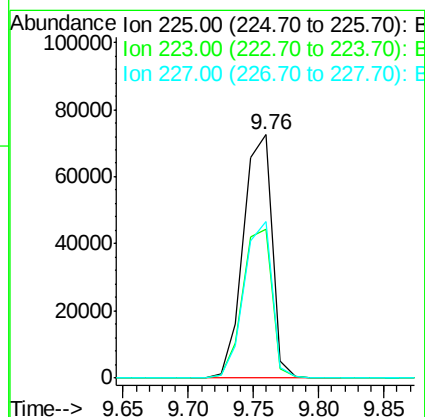
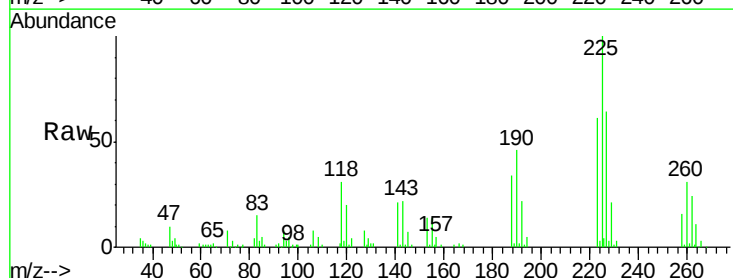
Instrument :
BNA_F
ClientSampleId :

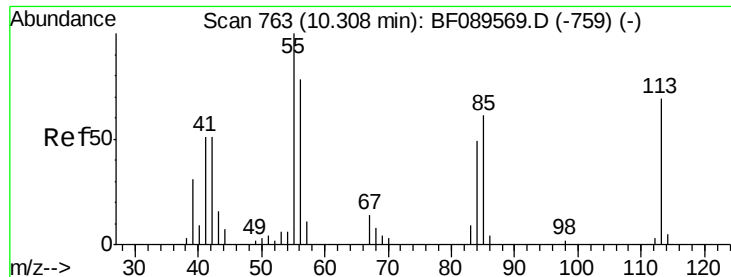
Tot Ion:	127	Resp:	259390
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.0	37.4
65	29.2	24.3	36.5
92	19.6	16.2	24.4



#34
Hexachlorobutadiene
Concen: 78.65 ng
RT: 9.76 min Scan# 715
Delta R.T. 0.01 min
Lab File: BF089572.D
Acq: 3 Aug 2016 22:09

Tgt Ion:	225	Resp:	111086
Ion	Ratio	Lower	Upper
225	100		
223	61.0	50.3	75.5
227	64.3	49.6	74.4





#35

Caprolactam

Concen: 80.71 ng

RT: 10.34 min Scan# 766

Delta R.T. 0.03 min

Lab File: BF089572.D

Acq: 3 Aug 2016 22:09

Instrument :

BNA_F

ClientSampleId :

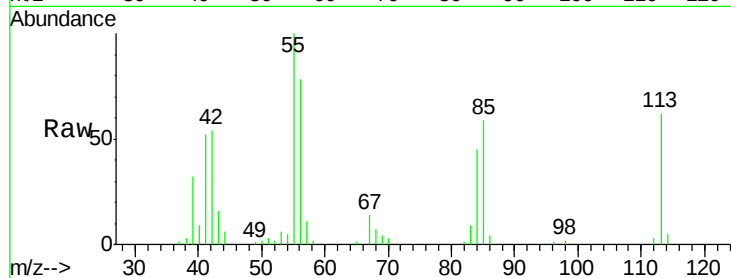
Tot Ion:113 Resp: 50568

Ion Ratio Lower Upper

113 100

55 160.8 124.4 164.4

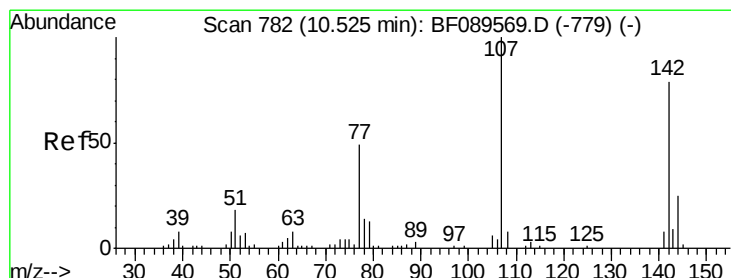
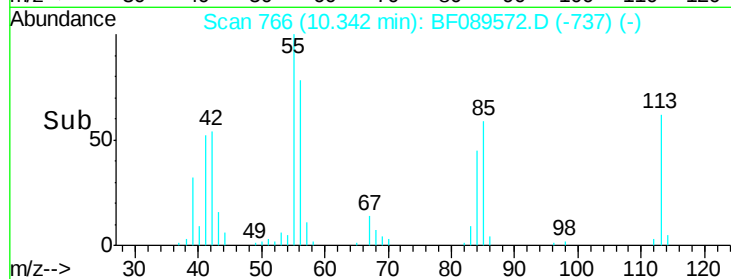
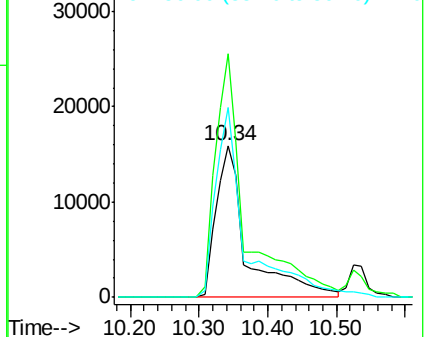
56 125.6 92.2 132.2



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: 81.91 ng

RT: 10.52 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF089572.D

Acq: 3 Aug 2016 22:09

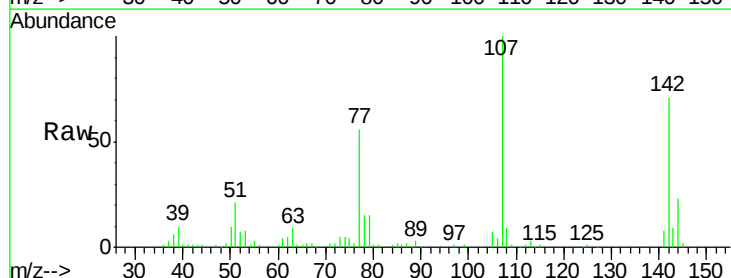
Tgt Ion:107 Resp: 204482

Ion Ratio Lower Upper

107 100

144 23.5 19.9 29.9

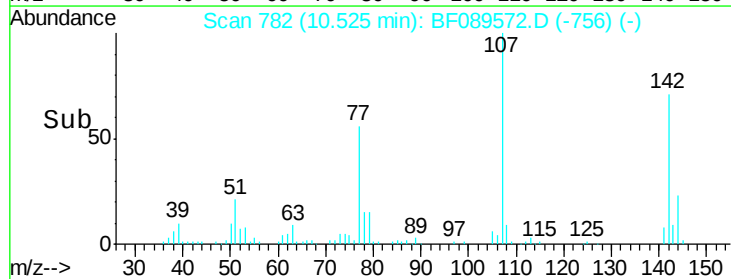
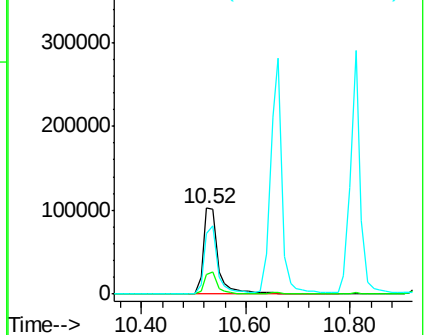
142 70.8 63.0 94.6

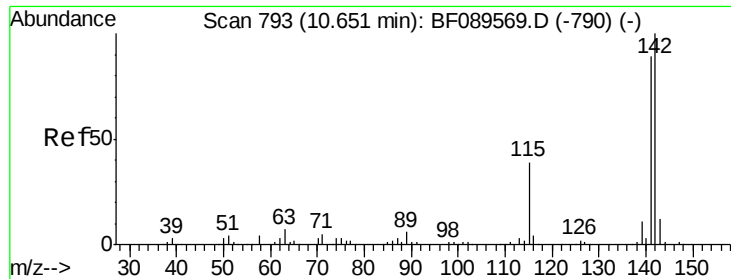


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

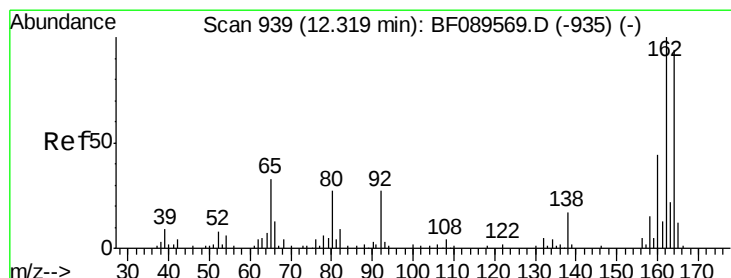
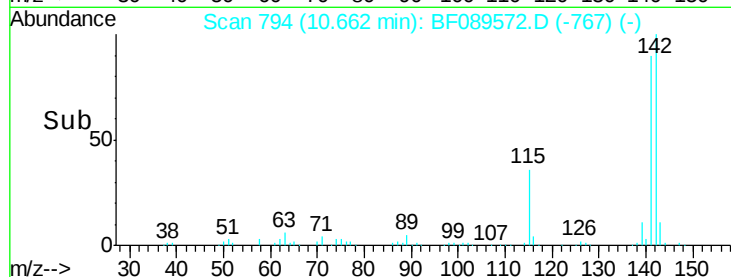
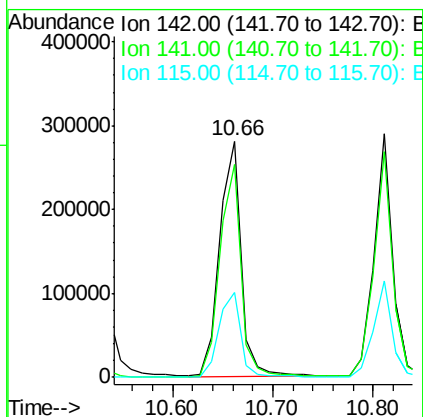
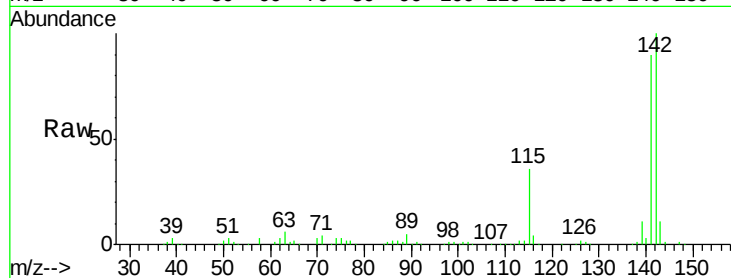




#37
2-Methylnaphthalene
Concen: 79.90 ng
RT: 10.66 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF089572.D
Acq: 3 Aug 2016 22:09

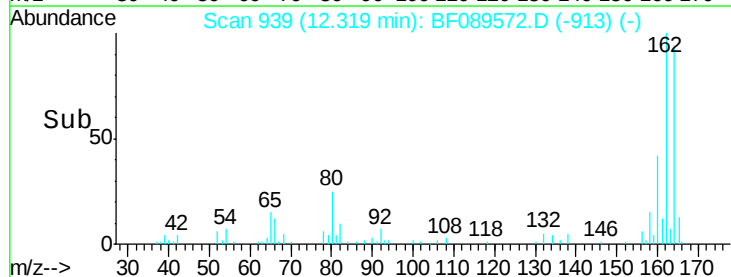
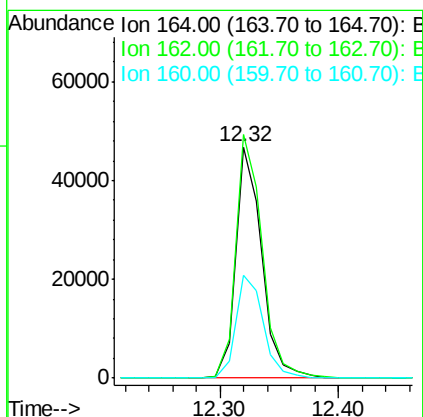
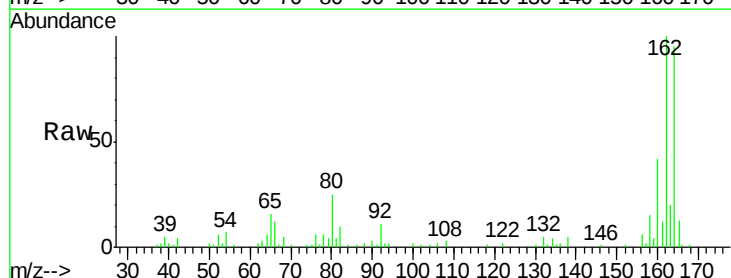
Instrument :
BNA_F
ClientSampleId :

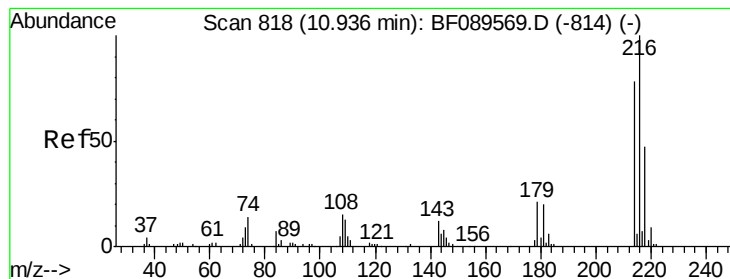
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.9	106.3
115	36.0	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.32 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF089572.D
Acq: 3 Aug 2016 22:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	85.4	128.2
160	44.4	37.3	55.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 81.52 ng

RT: 10.94 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF089572.D

Acq: 3 Aug 2016 22:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 218693

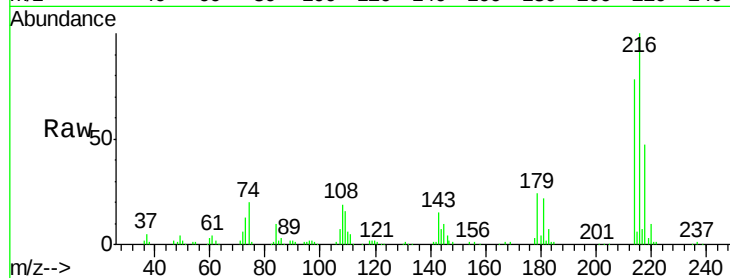
Ion Ratio Lower Upper

216 100

214 78.6 62.5 93.7

179 23.2 18.0 27.0

108 21.5 16.2 24.4

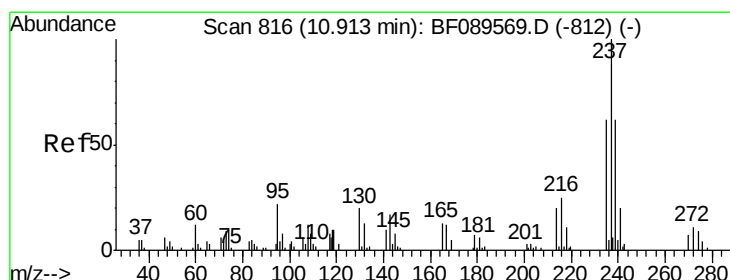
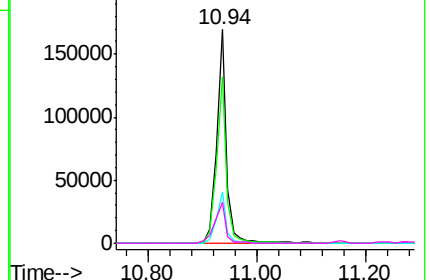
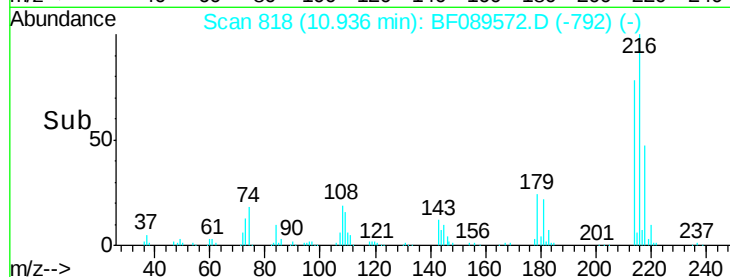


Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.47 ng

RT: 10.91 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF089572.D

Acq: 3 Aug 2016 22:09

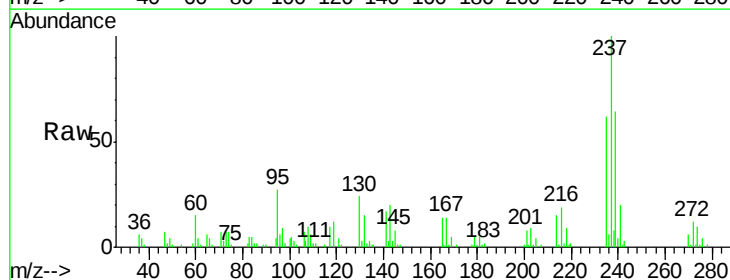
Tgt Ion:237 Resp: 78642

Ion Ratio Lower Upper

237 100

235 62.2 41.5 81.5

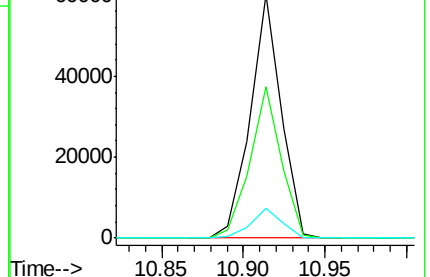
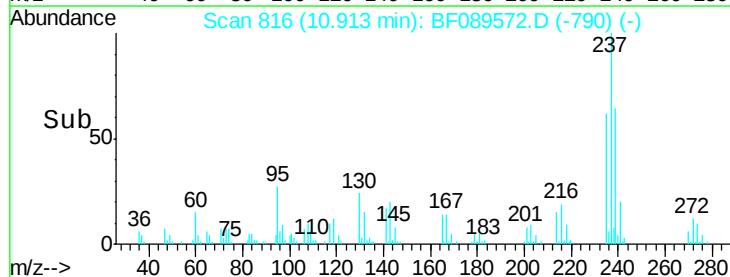
272 12.0 0.0 31.4

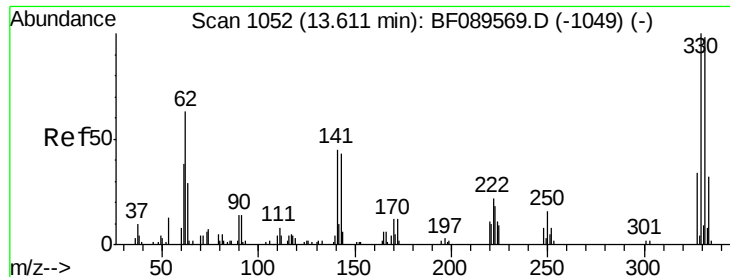


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

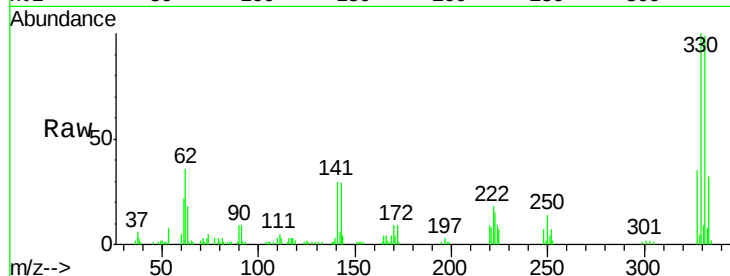




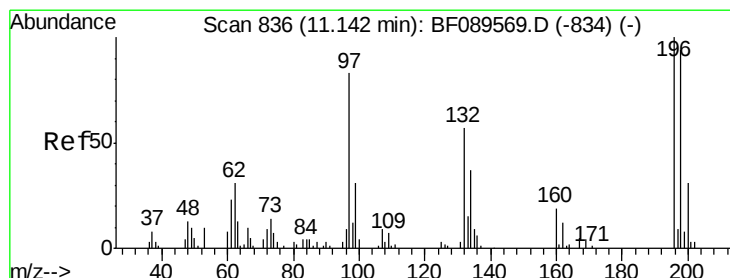
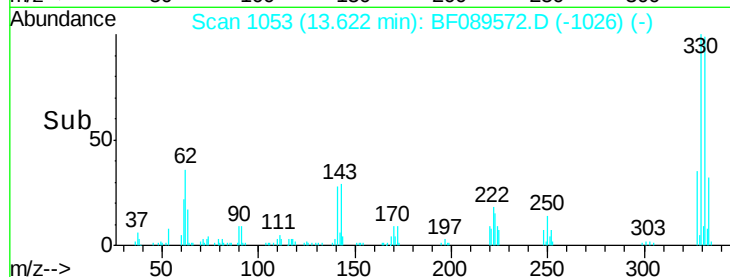
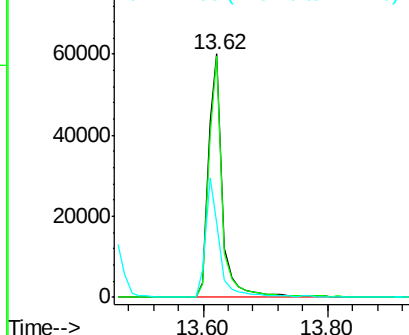
#41
 2,4,6-Tribromophenol
 Concen: 163.96 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: BF089572.D
 Acq: 3 Aug 2016 22:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 92712
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.7 115.1
 141 48.5 40.3 60.5

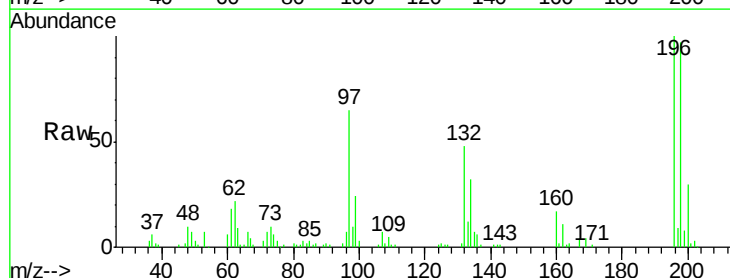


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

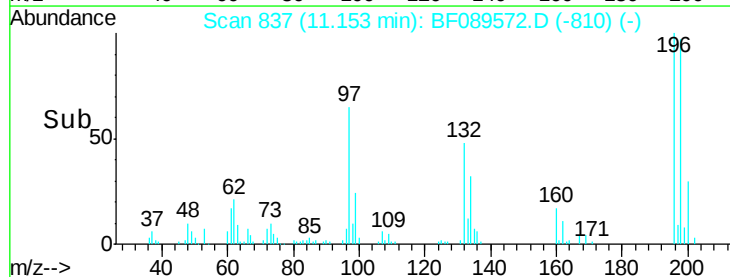
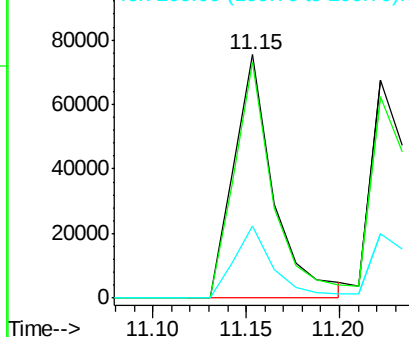


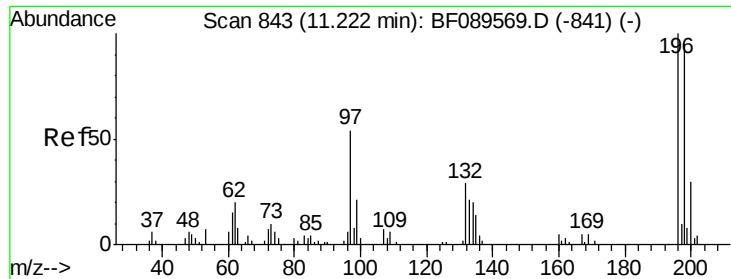
#42
 2,4,6-Trichlorophenol
 Concen: 85.79 ng
 RT: 11.15 min Scan# 837
 Delta R.T. 0.01 min
 Lab File: BF089572.D
 Acq: 3 Aug 2016 22:09

Tgt Ion:196 Resp: 112502
 Ion Ratio Lower Upper
 196 100
 198 96.9 75.5 113.3
 200 29.8 24.9 37.3



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

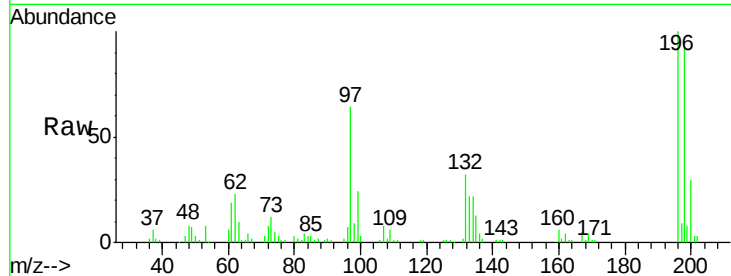




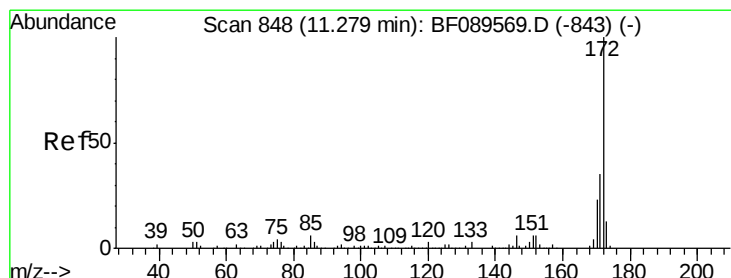
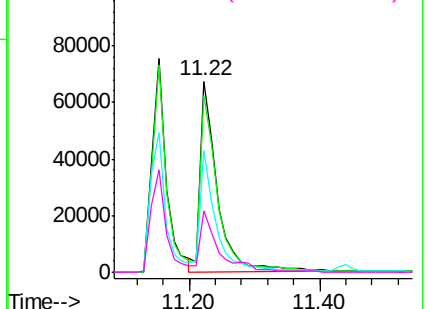
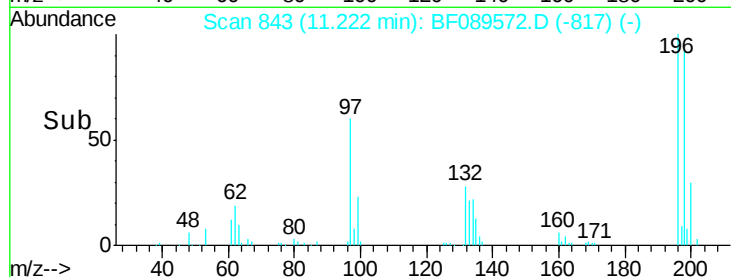
#43
 2,4,5-Trichlorophenol
 Concen: 86.29 ng
 RT: 11.22 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF089572.D
 Acq: 3 Aug 2016 22:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.6	75.9	113.9
97	63.9	43.9	65.9
132	32.3	24.5	36.7

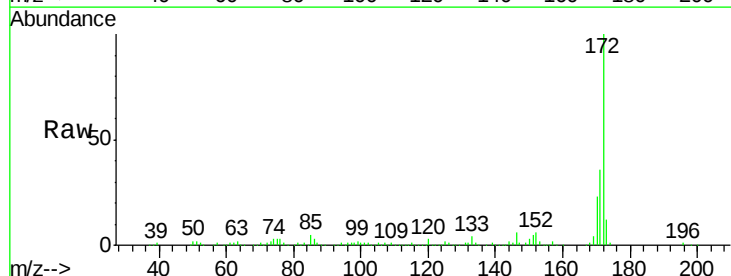


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

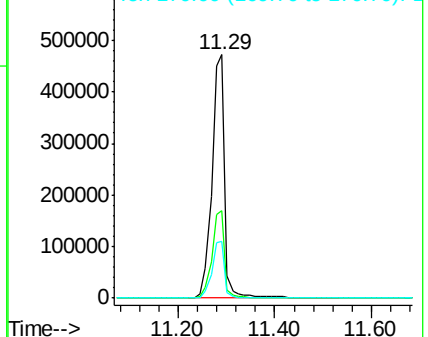
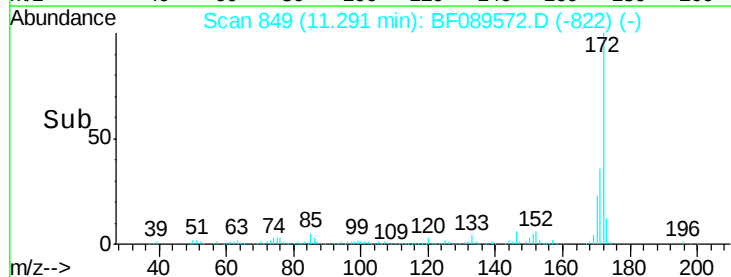


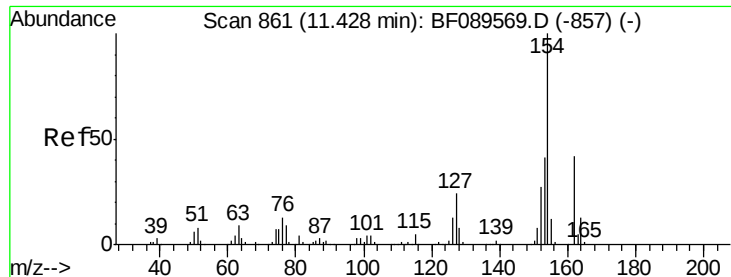
#44
 2-Fluorobiphenyl
 Concen: 160.99 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.01 min
 Lab File: BF089572.D
 Acq: 3 Aug 2016 22:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.1	42.1
170	23.3	18.6	28.0



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

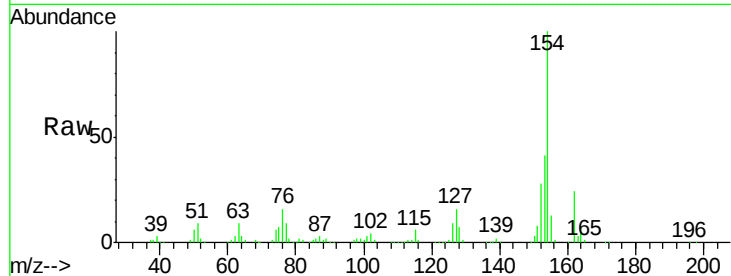




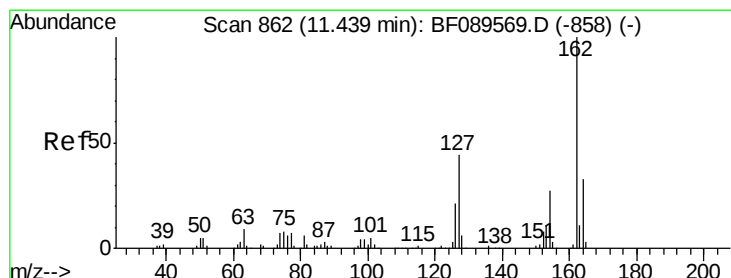
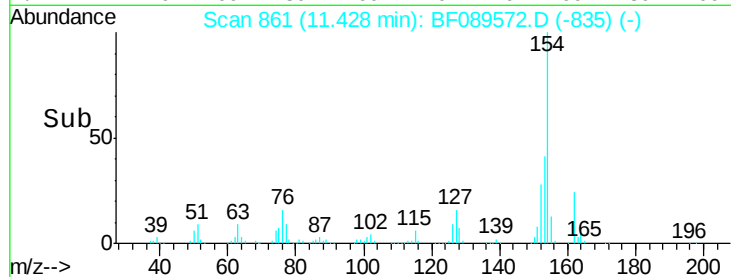
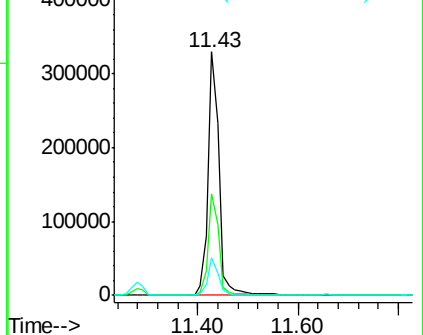
#45
 1,1'-Biphenyl
 Concen: 77.96 ng
 RT: 11.43 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF089572.D
 Acq: 3 Aug 2016 22:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 501141
 Ion Ratio Lower Upper
 154 100
 153 41.5 20.6 60.6
 76 15.6 0.0 33.3

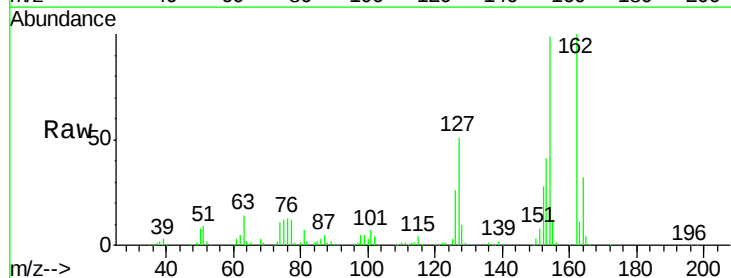


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

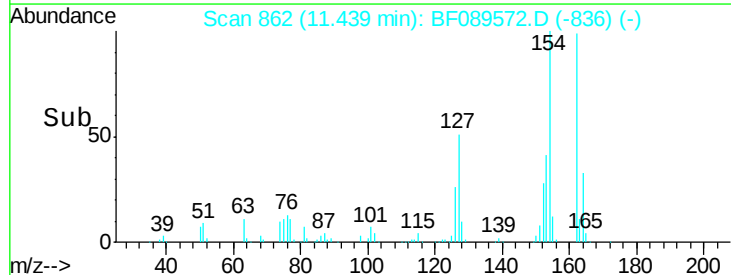
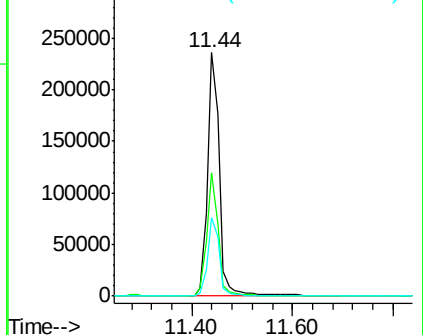


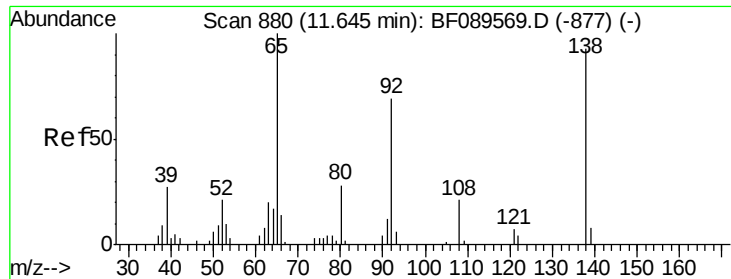
#46
 2-Chloronaphthalene
 Concen: 80.04 ng
 RT: 11.44 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: BF089572.D
 Acq: 3 Aug 2016 22:09

Tgt Ion:162 Resp: 385528
 Ion Ratio Lower Upper
 162 100
 127 50.8 35.0 52.4
 164 32.4 26.2 39.2



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: 82.75 ng

RT: 11.66 min Scan# 881

Delta R.T. 0.01 min

Lab File: BF089572.D

Acq: 3 Aug 2016 22:09

Instrument :

BNA_F

ClientSampled :

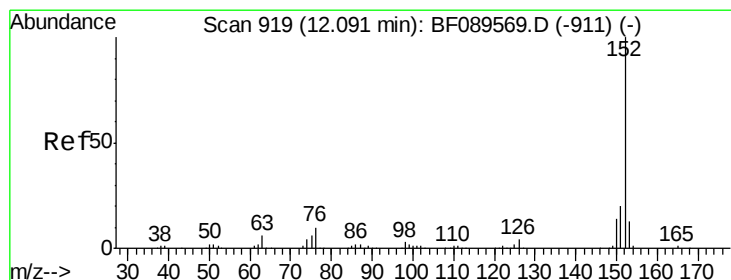
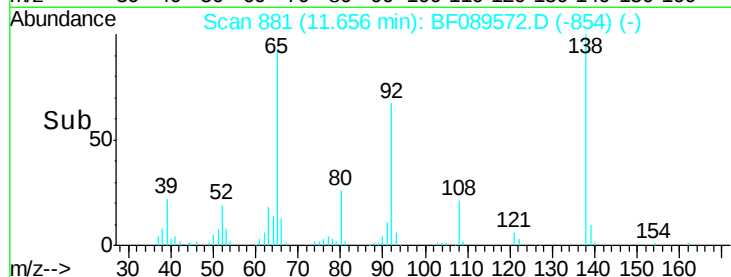
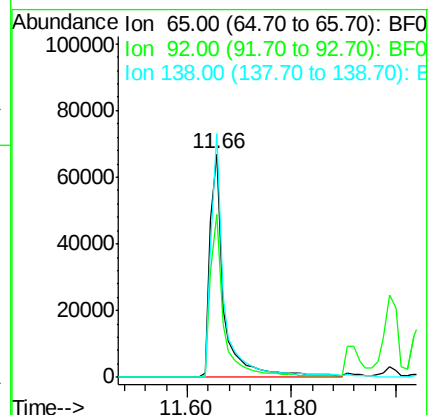
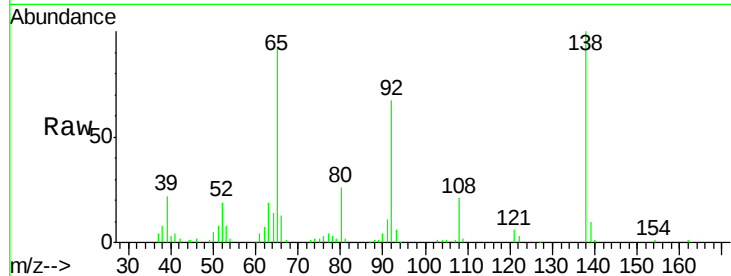
Tot Ion: 65 Resp: 126435

Ion Ratio Lower Upper

65 100

92 73.0 54.9 82.3

138 109.1 74.0 111.0



#48

Acenaphthylene

Concen: 79.39 ng

RT: 12.10 min Scan# 920

Delta R.T. 0.01 min

Lab File: BF089572.D

Acq: 3 Aug 2016 22:09

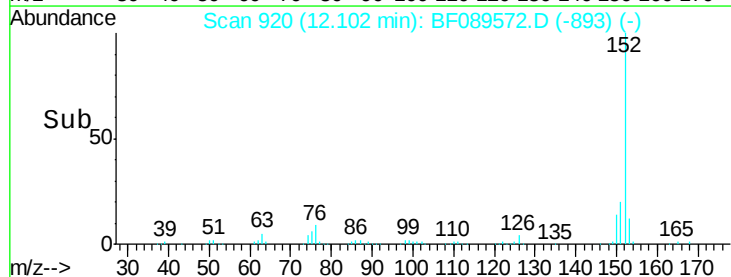
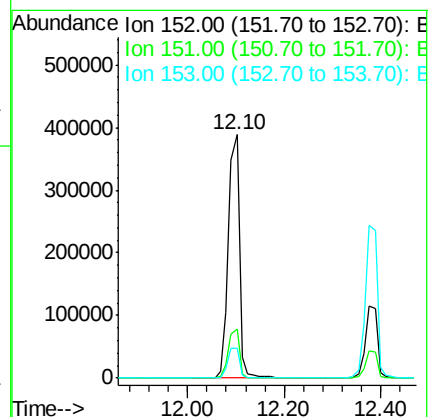
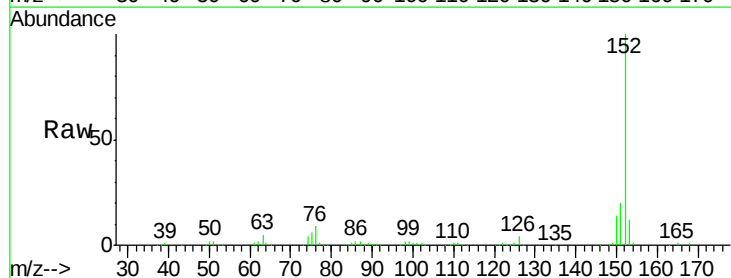
Tgt Ion: 152 Resp: 630460

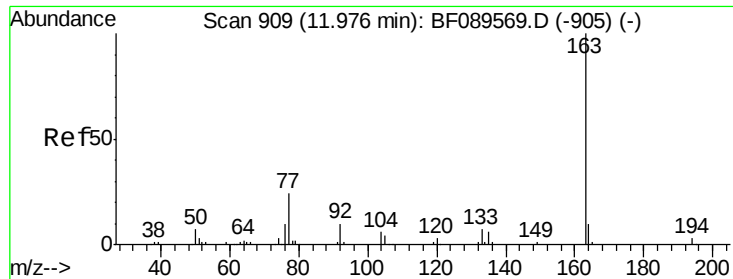
Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

153 12.4 10.6 15.8

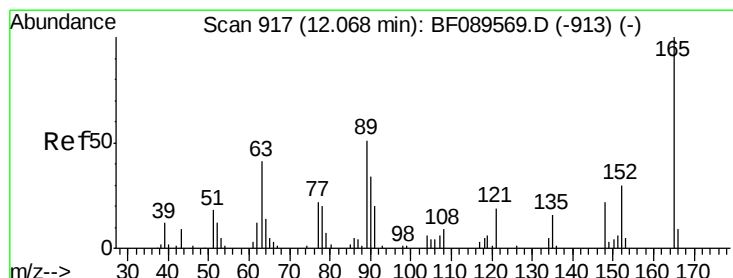
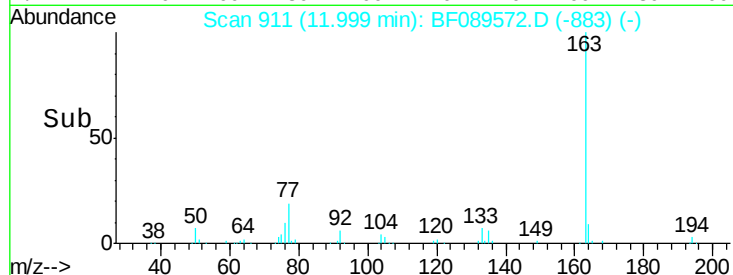
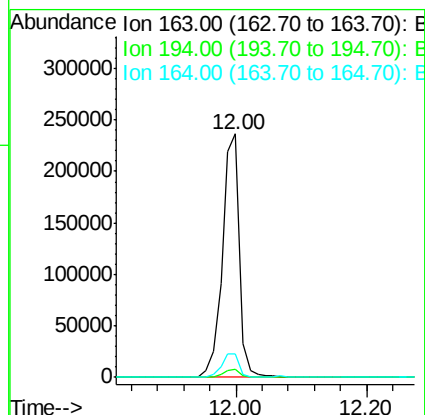
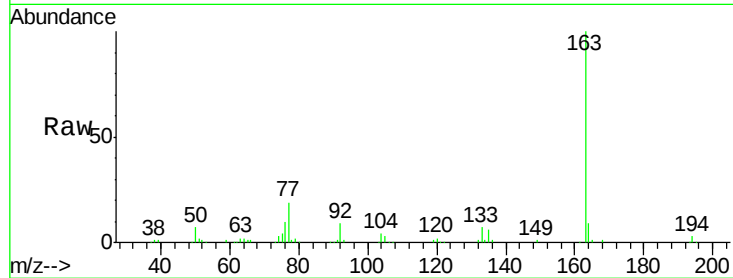




#49
Dimethylphthalate
Concen: 78.93 ng
RT: 12.00 min Scan# 911
Delta R.T. 0.02 min
Lab File: BF089572.D
Acq: 3 Aug 2016 22:09

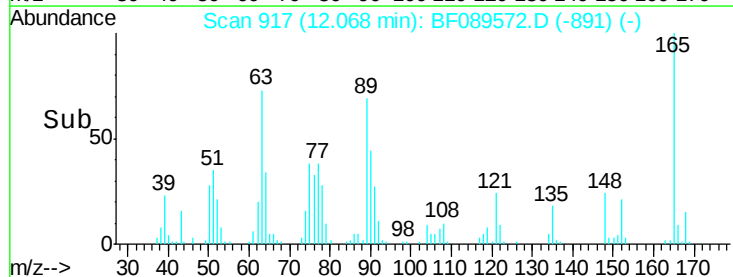
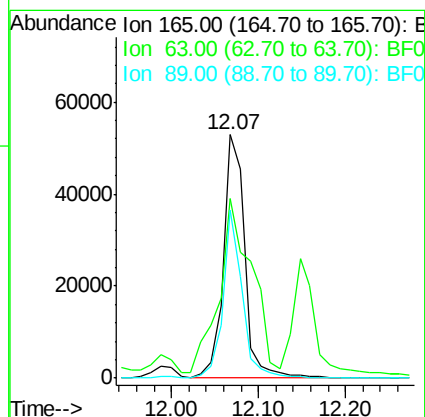
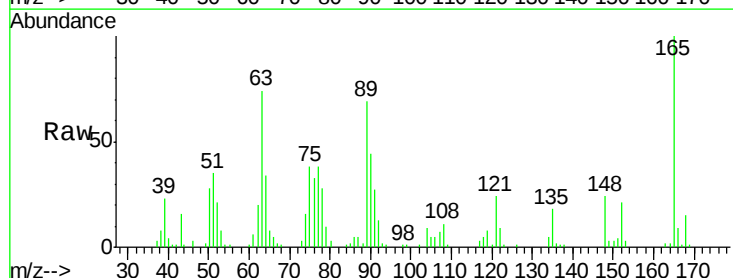
Instrument :
BNA_F
ClientSampleId :

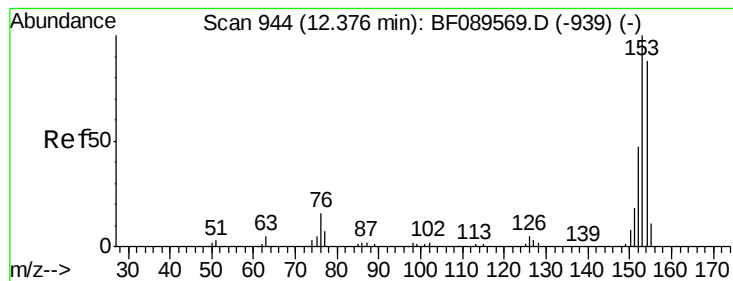
Tot Ion:163 Resp: 430444
Ion Ratio Lower Upper
163 100
194 3.4 2.4 3.6
164 9.5 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 83.07 ng
RT: 12.07 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF089572.D
Acq: 3 Aug 2016 22:09

Tgt Ion:165 Resp: 90649
Ion Ratio Lower Upper
165 100
63 73.6 40.2 60.4#
89 69.1 40.6 61.0#





#51

Acenaphthene

Concen: 79.11 ng

RT: 12.38 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF089572.D

Acq: 3 Aug 2016 22:09

Instrument :

BNA_F

ClientSampleId :

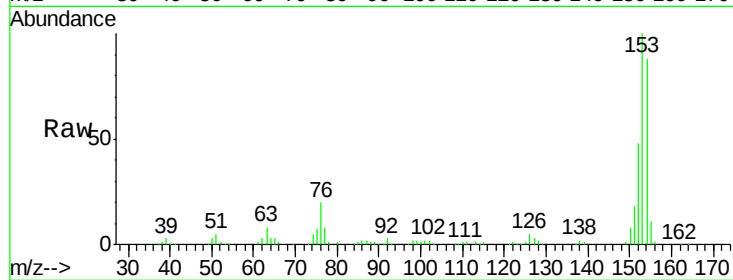
Tot Ion:154 Resp: 364208

Ion Ratio Lower Upper

154 100

153 113.5 91.2 136.8

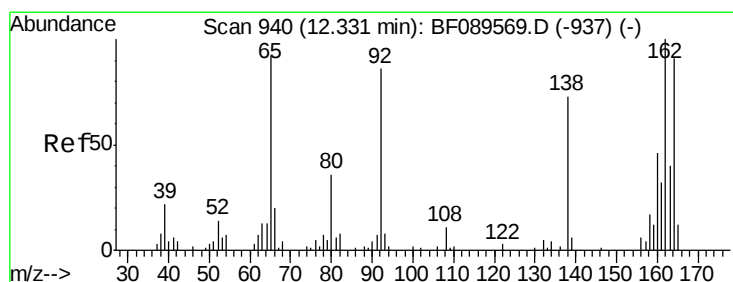
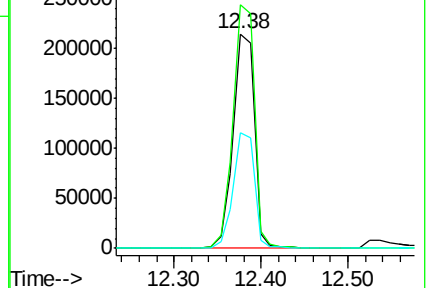
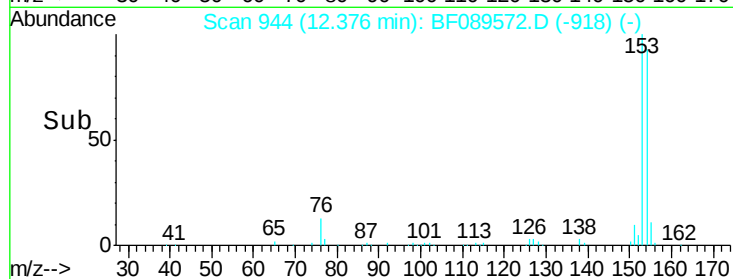
152 54.1 43.1 64.7



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: 79.42 ng

RT: 12.34 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF089572.D

Acq: 3 Aug 2016 22:09

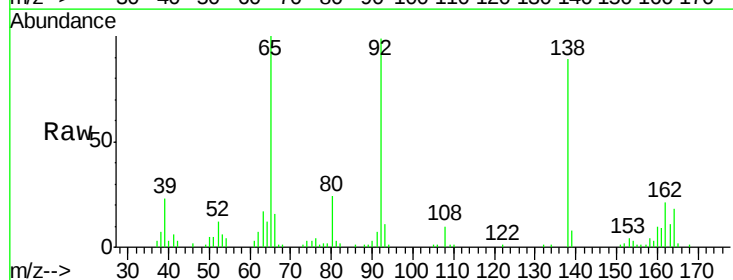
Tgt Ion:138 Resp: 102168

Ion Ratio Lower Upper

138 100

108 11.0 11.6 17.4#

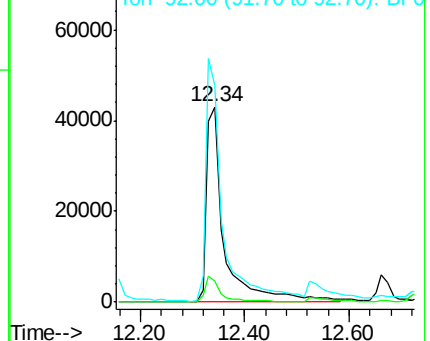
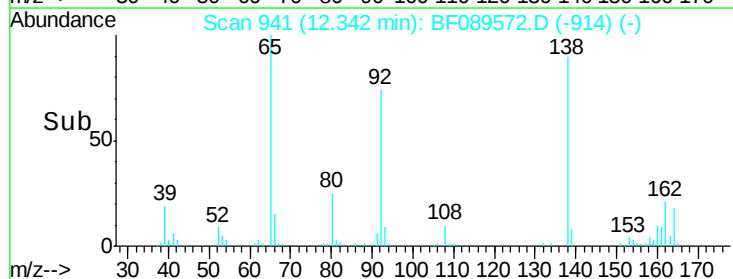
92 111.0 94.6 141.8

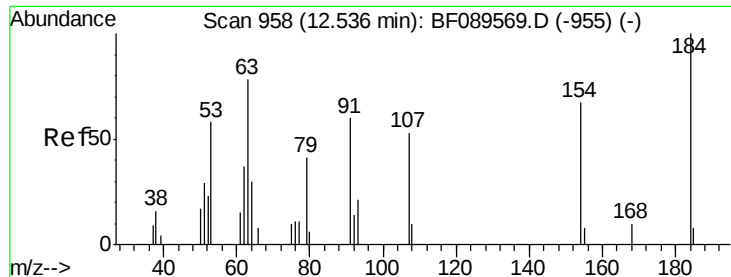


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

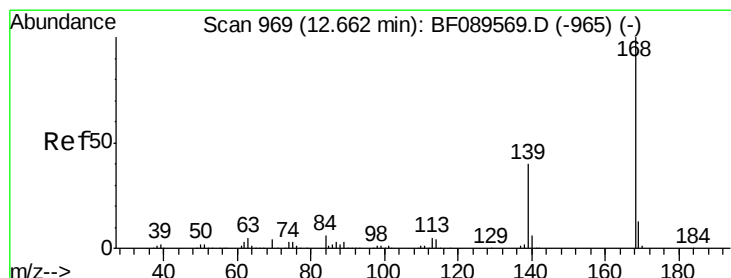
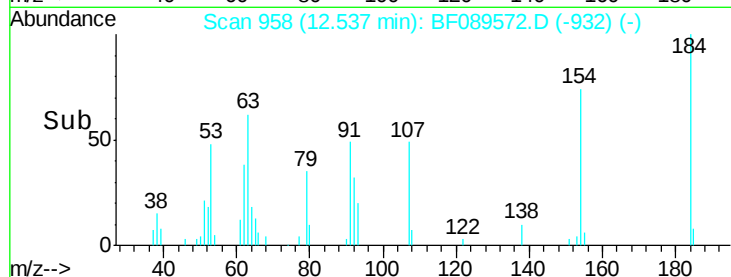
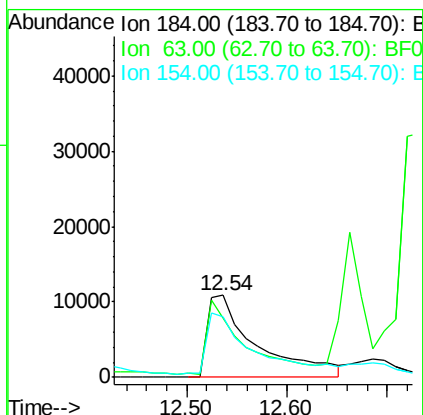
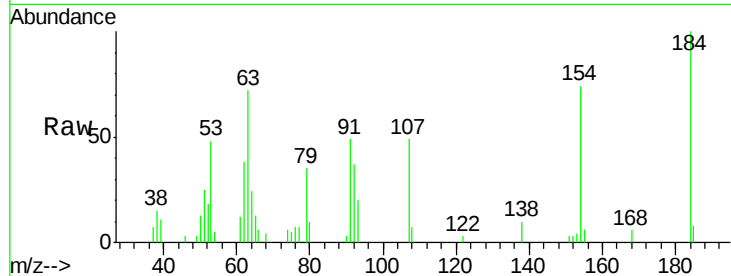




#53
 2,4-Dinitrophenol
 Concen: 79.95 ng
 RT: 12.54 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF089572.D
 Acq: 3 Aug 2016 22:09

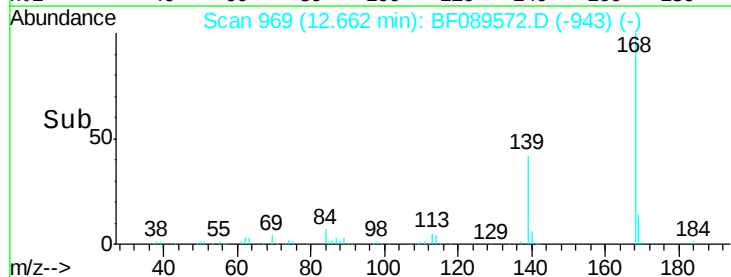
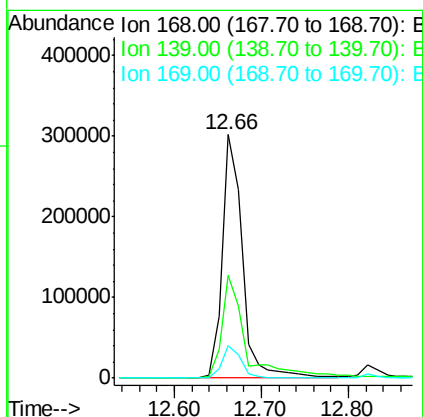
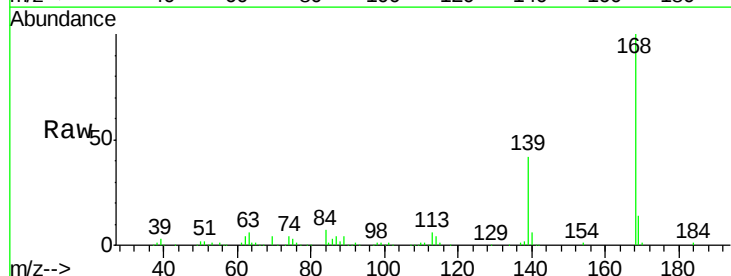
Instrument :
 BNA_F
 ClientSampleId :

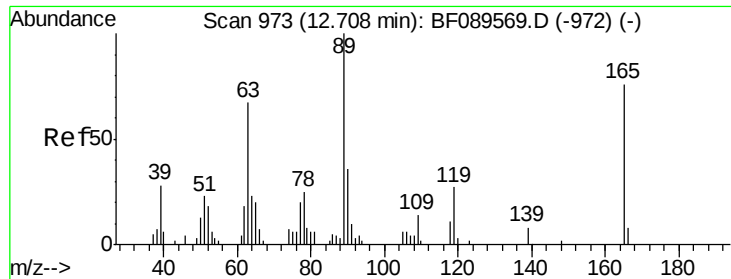
Tot Ion:184 Resp: 37007
 Ion Ratio Lower Upper
 184 100
 63 71.8 69.5 104.3
 154 73.8 61.8 92.6



#54
 Dibenzofuran
 Concen: 78.14 ng
 RT: 12.66 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF089572.D
 Acq: 3 Aug 2016 22:09

Tgt Ion:168 Resp: 489539
 Ion Ratio Lower Upper
 168 100
 139 42.2 31.8 47.8
 169 13.5 10.6 16.0

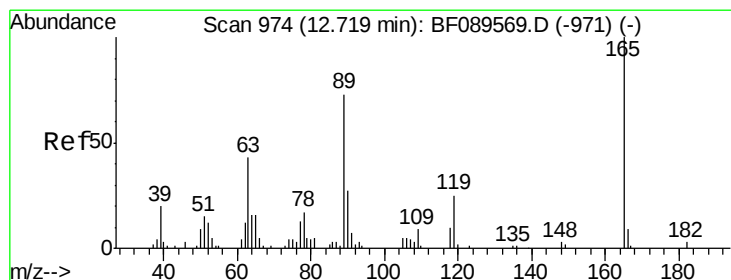
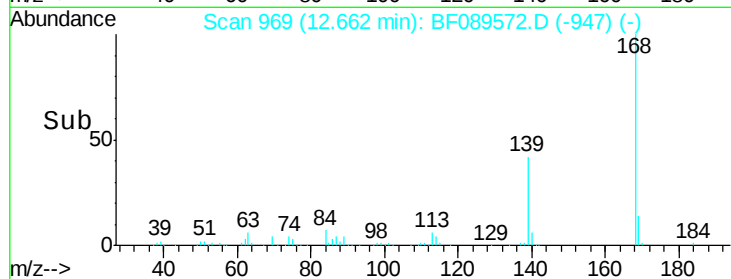
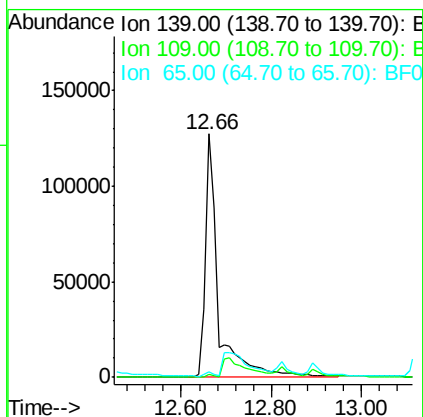
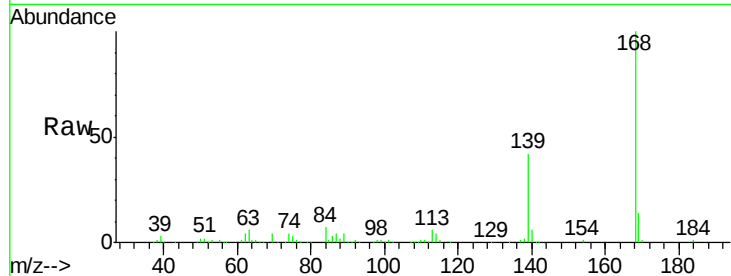




#55
4-Nitrophenol
Concen: 366.11 ng
RT: 12.66 min Scan# 969
Delta R.T. -0.05 min
Lab File: BF089572.D
Acq: 3 Aug 2016 22:09

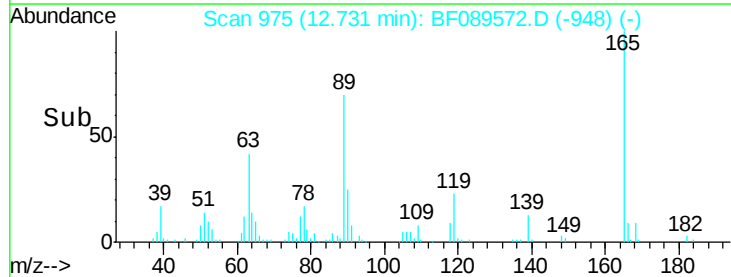
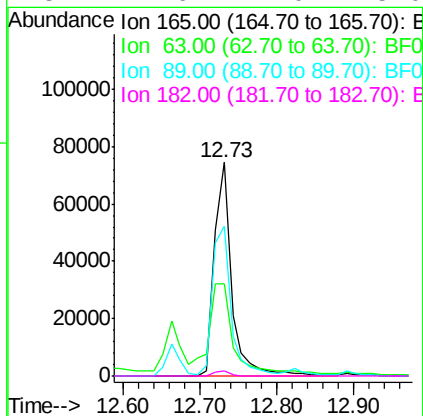
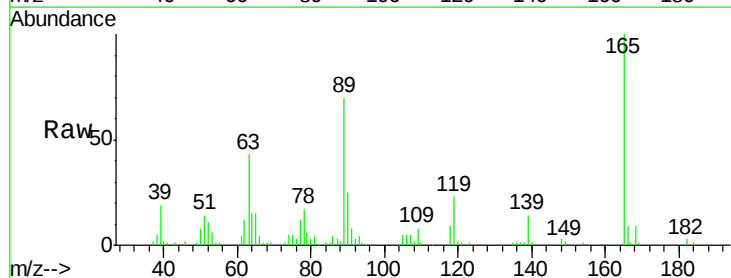
Instrument :
BNA_F
ClientSampleId :

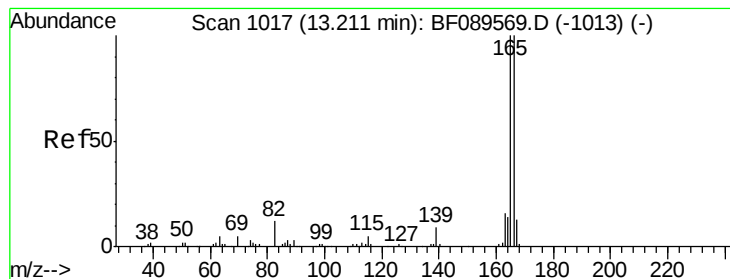
Tot Ion:139 Resp: 258066
Ion Ratio Lower Upper
139 100
109 1.0 35.2 75.2#
65 2.1 66.4 106.4#



#56
2,4-Dinitrotoluene
Concen: 80.30 ng
RT: 12.73 min Scan# 975
Delta R.T. 0.01 min
Lab File: BF089572.D
Acq: 3 Aug 2016 22:09

Tgt Ion:165 Resp: 117762
Ion Ratio Lower Upper
165 100
63 43.4 38.2 57.2
89 70.2 59.8 89.6
182 2.6 2.0 3.0





#57

Fluorene

Concen: 77.41 ng

RT: 13.22 min Scan# 1018

Delta R.T. 0.01 min

Lab File: BF089572.D

Acq: 3 Aug 2016 22:09

Instrument :

BNA_F

ClientSampleId :

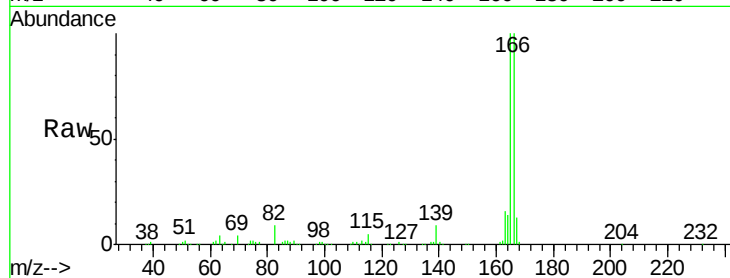
Tot Ion:166 Resp: 412560

Ion Ratio Lower Upper

166 100

165 100.3 80.2 120.2

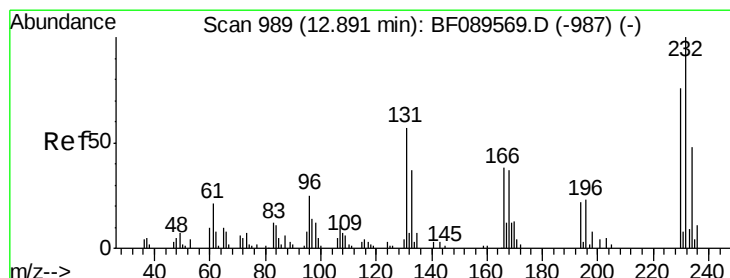
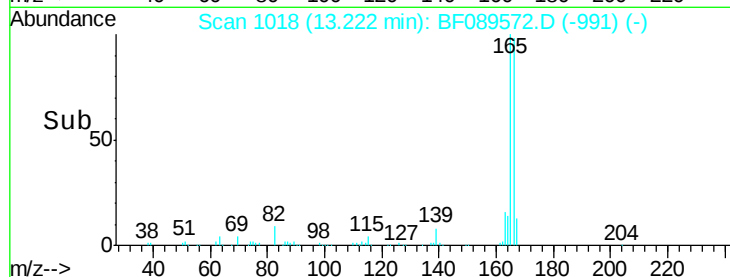
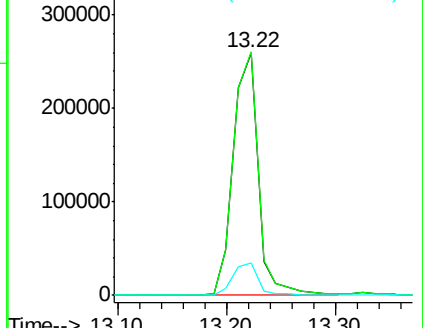
167 13.1 10.4 15.6



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: 83.76 ng

RT: 12.89 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF089572.D

Acq: 3 Aug 2016 22:09

Tgt Ion:232 Resp: 82920

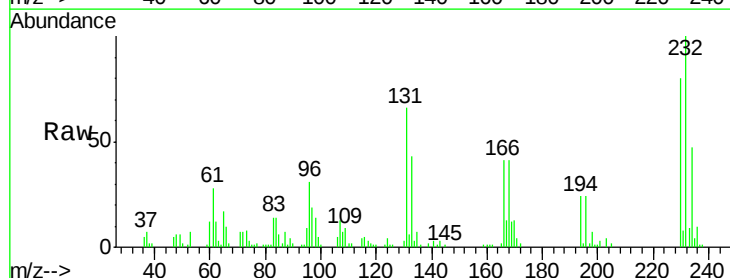
Ion Ratio Lower Upper

232 100

131 58.6 47.9 71.9

130 2.3 1.7 2.5

166 38.2 30.2 45.2

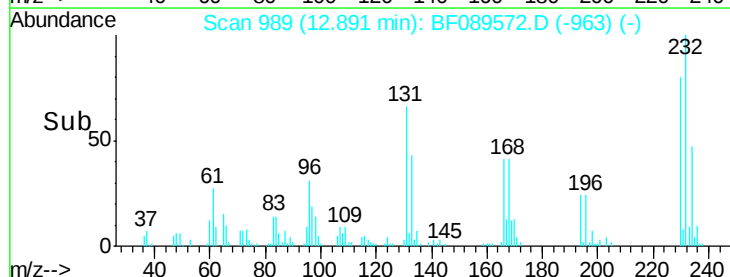
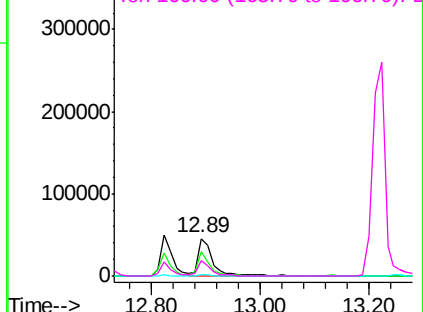


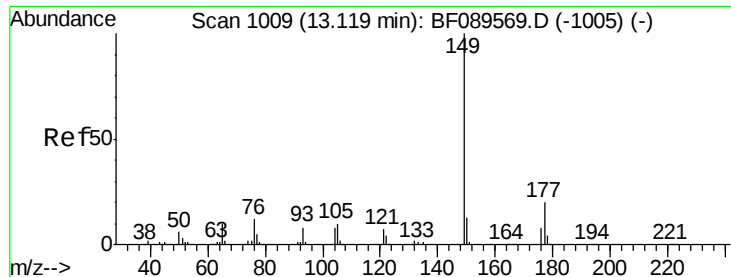
Abundance Ion 232.00 (231.70 to 232.70): E

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: 74.65 ng

RT: 13.13 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF089572.D

Acq: 3 Aug 2016 22:09

Instrument :

BNA_F

ClientSampleId :

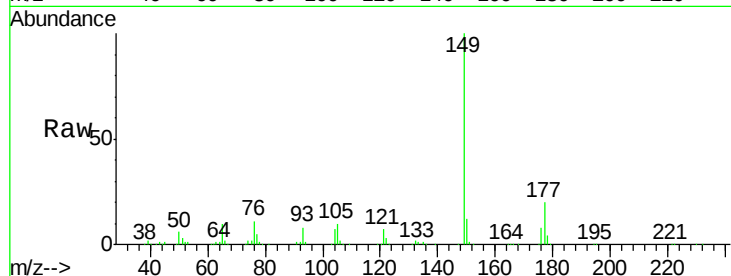
Tot Ion:149 Resp: 412501

Ion Ratio Lower Upper

149 100

177 19.9 15.8 23.8

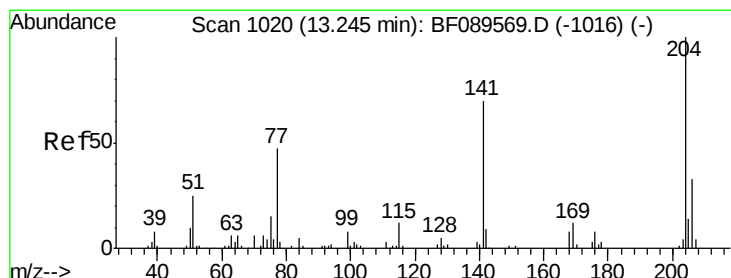
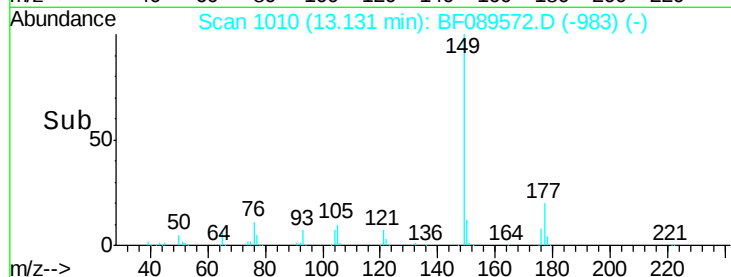
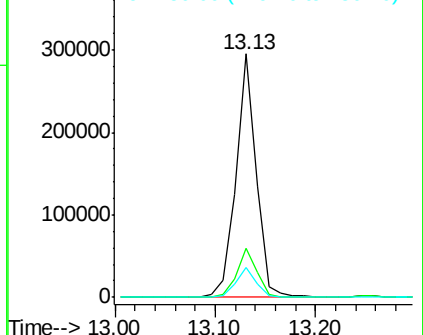
150 12.2 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 80.11 ng

RT: 13.25 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF089572.D

Acq: 3 Aug 2016 22:09

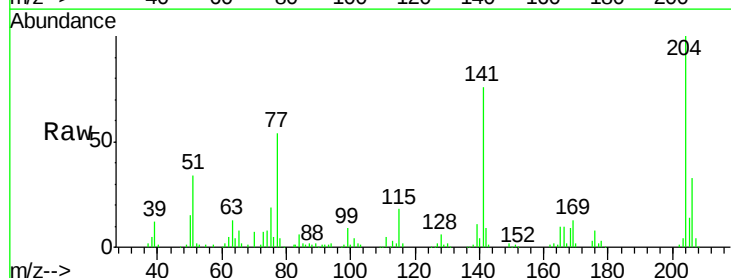
Tgt Ion:204 Resp: 191871

Ion Ratio Lower Upper

204 100

206 32.5 26.2 39.2

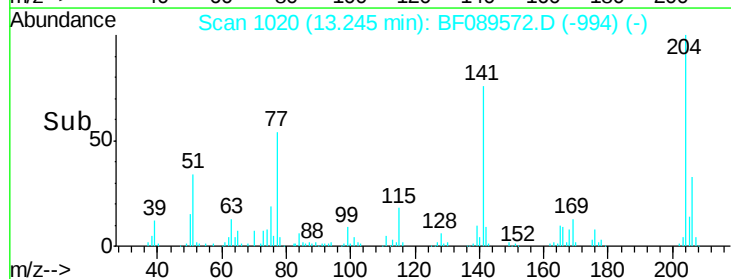
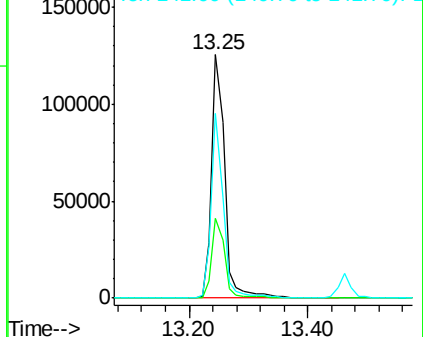
141 75.8 56.3 84.5

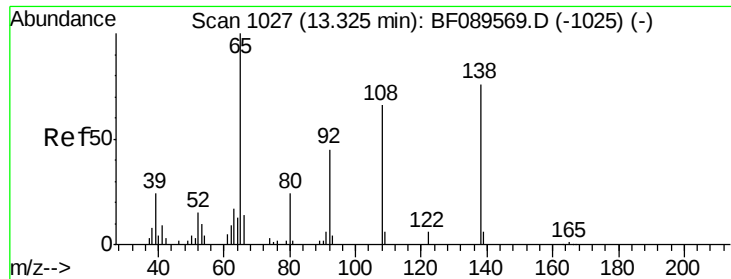


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

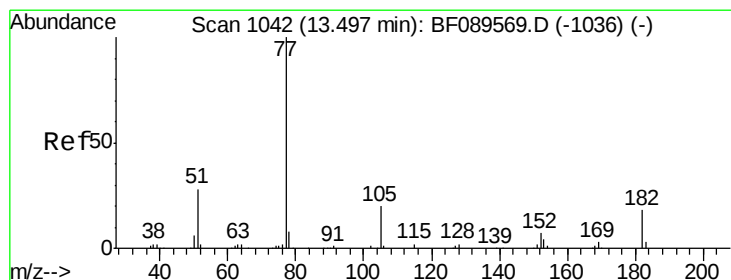
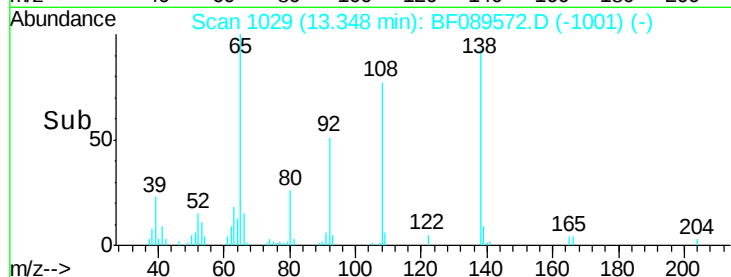
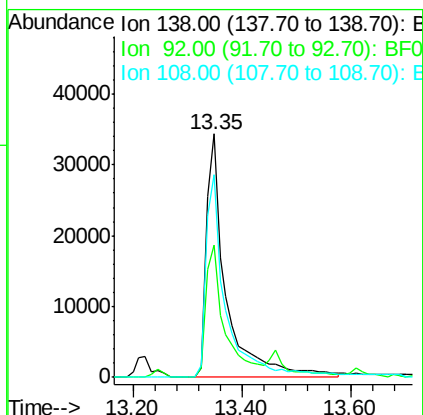
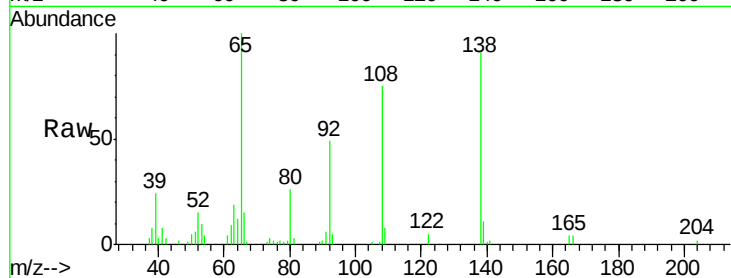




#61
4-Nitroaniline
Concen: 76.99 ng
RT: 13.35 min Scan# 1029
Delta R.T. 0.02 min
Lab File: BF089572.D
Acq: 3 Aug 2016 22:09

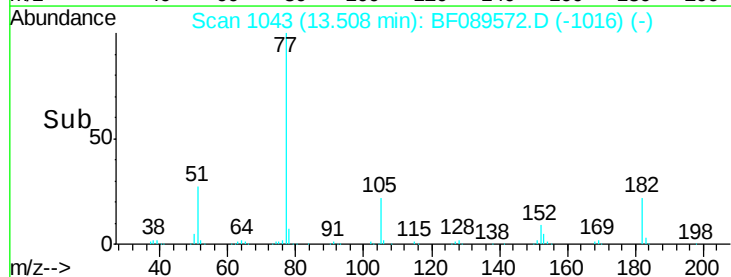
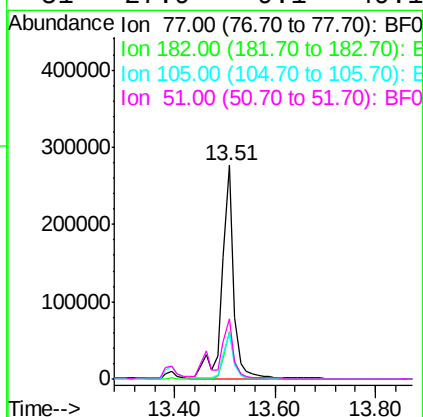
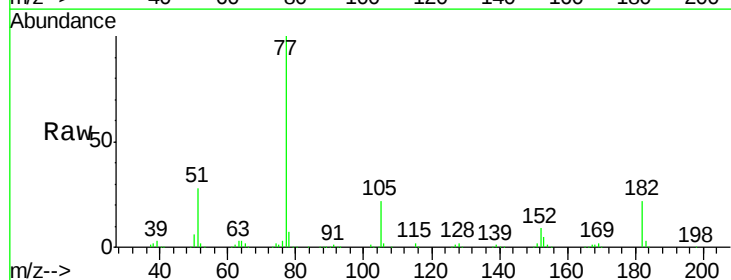
Instrument :
BNA_F
ClientSampleId :

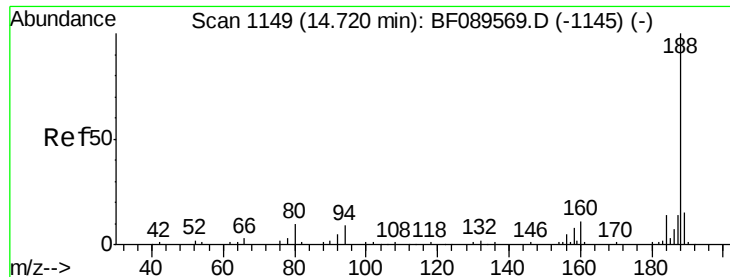
Tot Ion:138 Resp: 86795
Ion Ratio Lower Upper
138 100
92 54.6 39.5 79.5
108 83.2 66.4 106.4



#62
Azobenzene
Concen: 78.83 ng
RT: 13.51 min Scan# 1043
Delta R.T. 0.01 min
Lab File: BF089572.D
Acq: 3 Aug 2016 22:09

Tgt Ion: 77 Resp: 446718
Ion Ratio Lower Upper
77 100
182 22.3 0.0 38.0
105 21.8 0.6 40.6
51 27.9 9.1 49.1

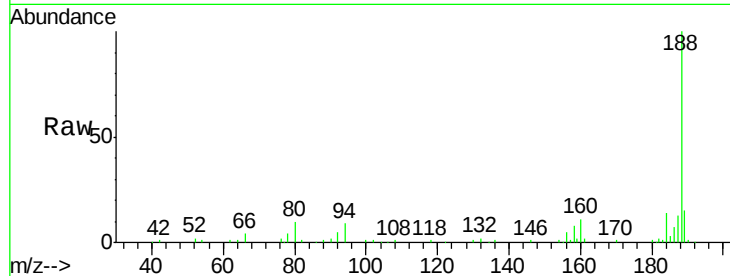




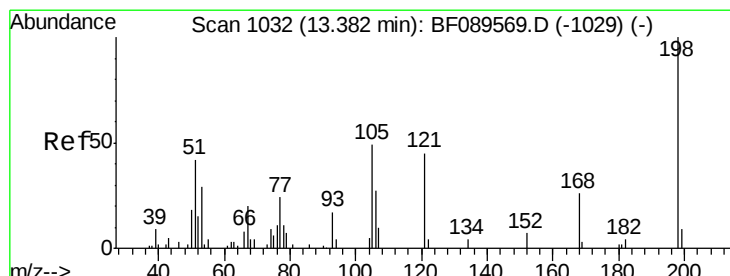
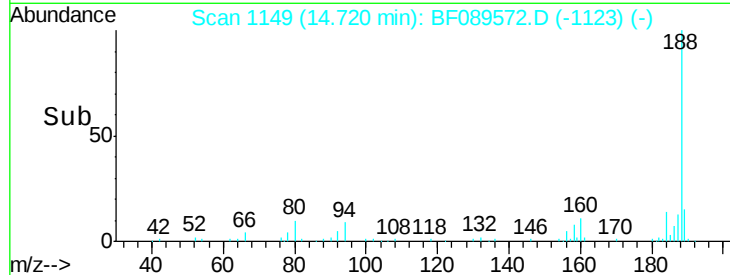
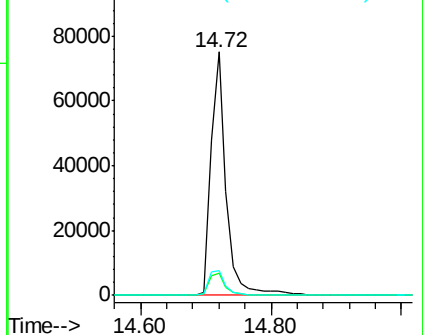
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF089572.D
 Acq: 3 Aug 2016 22:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 122365
 Ion Ratio Lower Upper
 188 100
 94 9.2 7.0 10.4
 80 10.2 7.7 11.5

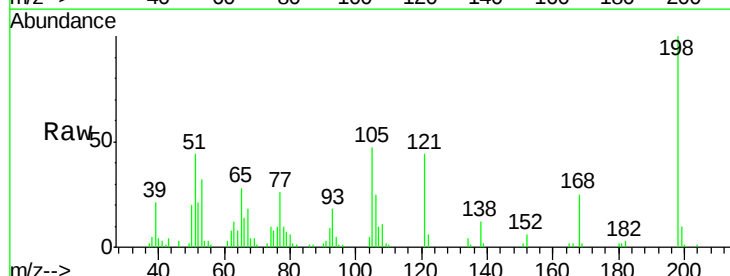


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

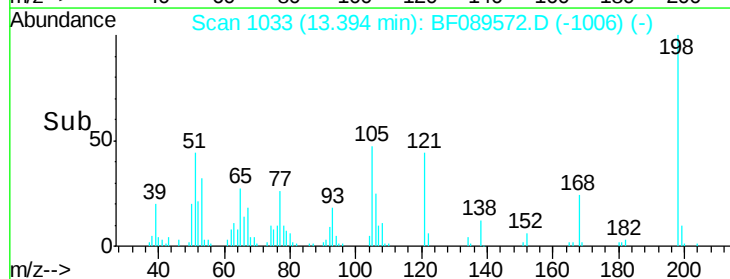
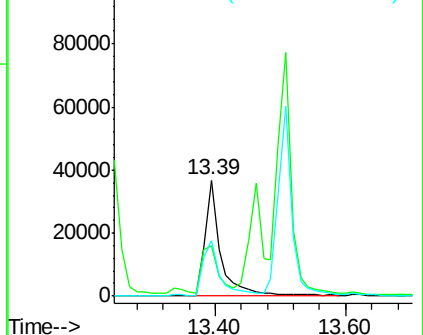


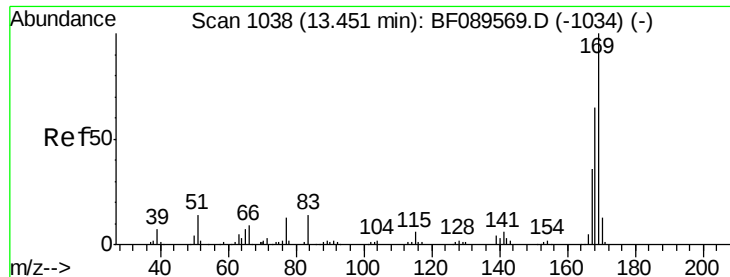
#64
 4,6-Dinitro-2-methylphenol
 Concen: 80.55 ng
 RT: 13.39 min Scan# 1033
 Delta R.T. 0.01 min
 Lab File: BF089572.D
 Acq: 3 Aug 2016 22:09

Tgt Ion:198 Resp: 61950
 Ion Ratio Lower Upper
 198 100
 51 43.9 26.0 66.0
 105 47.4 29.1 69.1



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: 83.12 ng

RT: 13.46 min Scan# 1039

Delta R.T. 0.01 min

Lab File: BF089572.D

Acq: 3 Aug 2016 22:09

Instrument :

BNA_F

ClientSampleId :

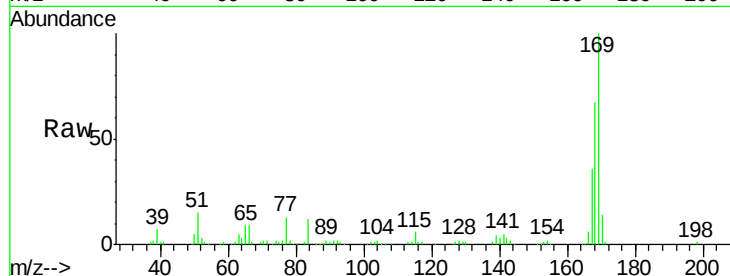
Tot Ion:169 Resp: 346601

Ion Ratio Lower Upper

169 100

168 67.4 53.0 79.4

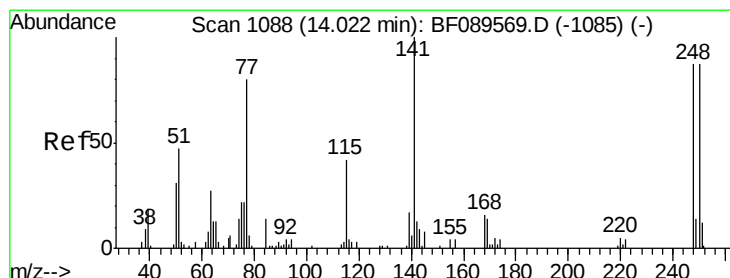
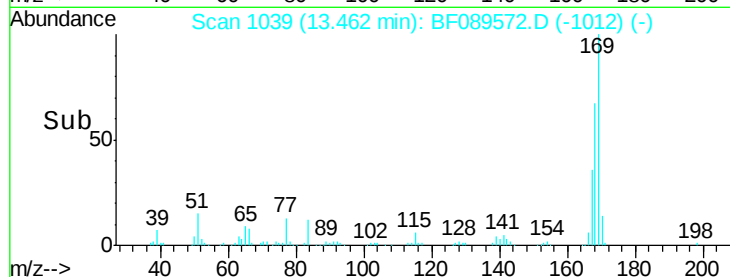
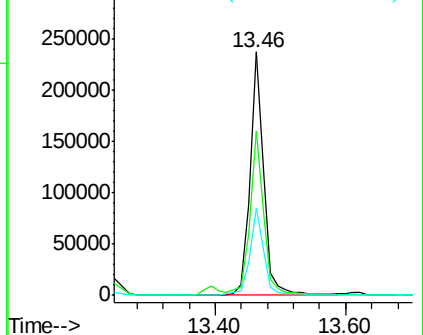
167 36.2 29.1 43.7



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 88.30 ng

RT: 14.03 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BF089572.D

Acq: 3 Aug 2016 22:09

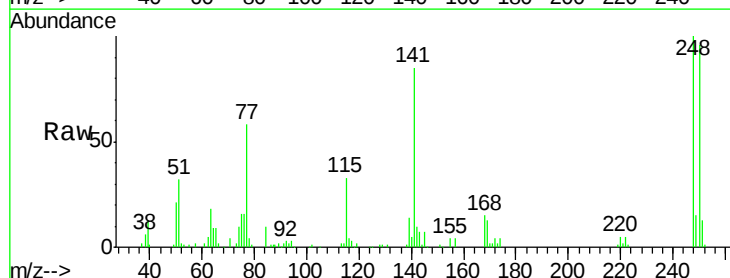
Tgt Ion:248 Resp: 105554

Ion Ratio Lower Upper

248 100

250 96.2 79.8 119.6

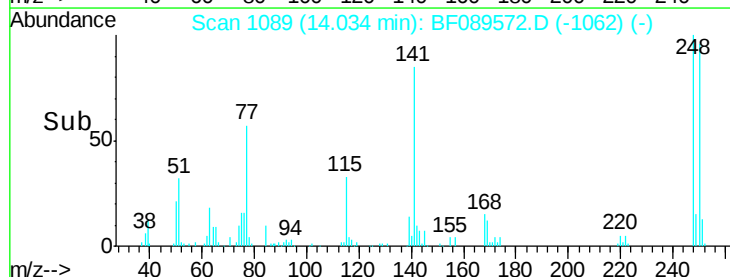
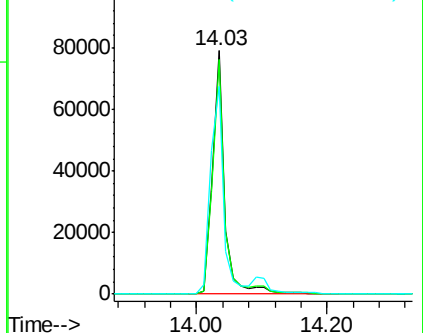
141 85.5 91.5 137.3#

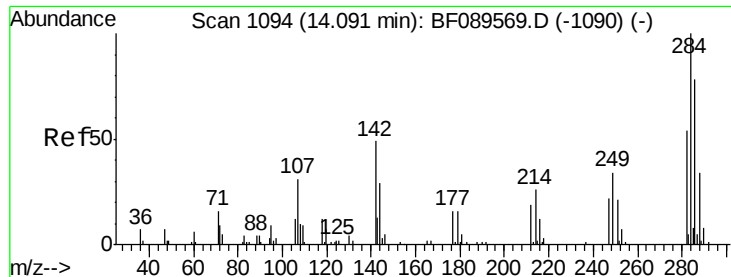


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

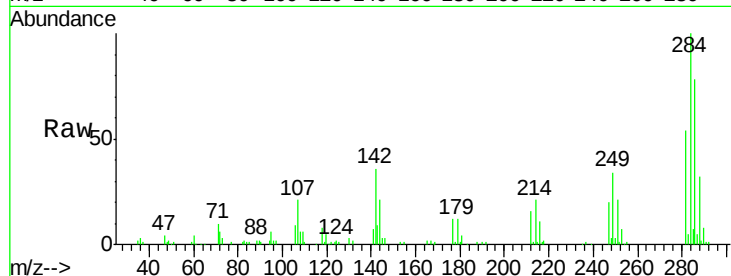




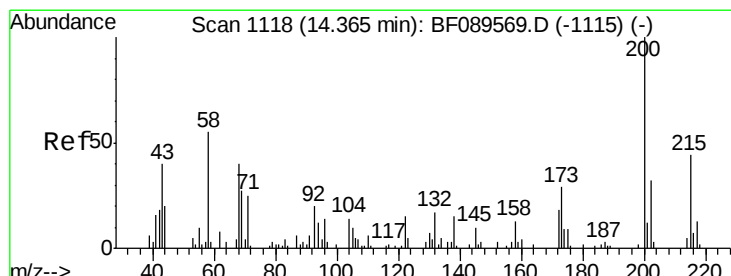
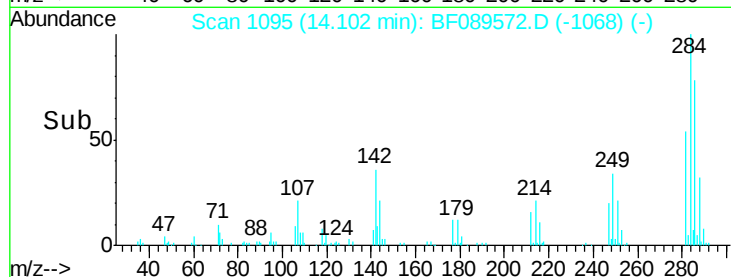
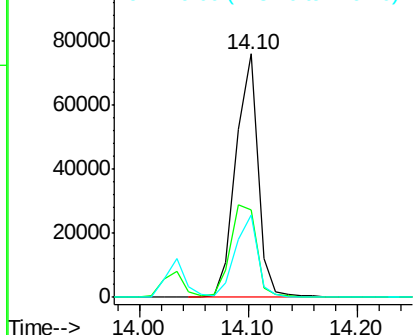
#67
Hexachlorobenzene
Concen: 82.29 ng
RT: 14.10 min Scan# 1095
Delta R.T. 0.01 min
Lab File: BF089572.D
Acq: 3 Aug 2016 22:09

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.9	40.2	60.4
249	33.6	28.9	43.3

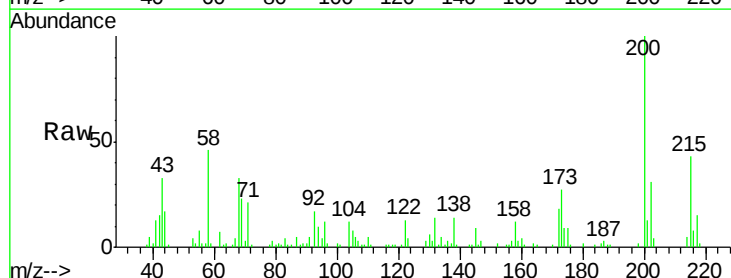


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

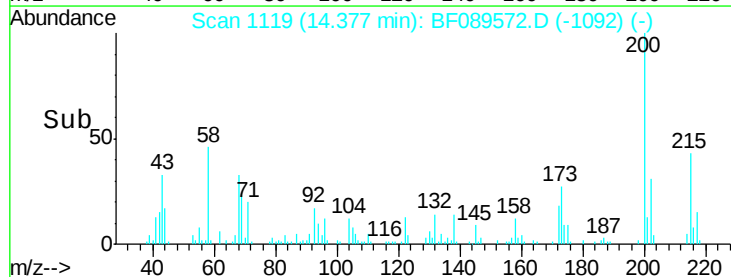
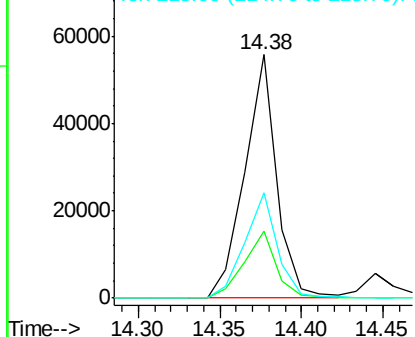


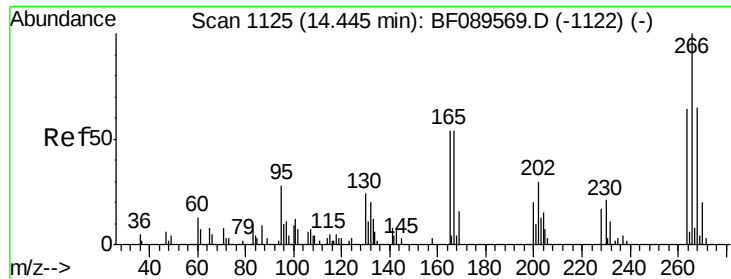
#68
Atrazine
Concen: 70.23 ng
RT: 14.38 min Scan# 1119
Delta R.T. 0.01 min
Lab File: BF089572.D
Acq: 3 Aug 2016 22:09

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.4	9.1	49.1
215	43.4	23.6	63.6



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

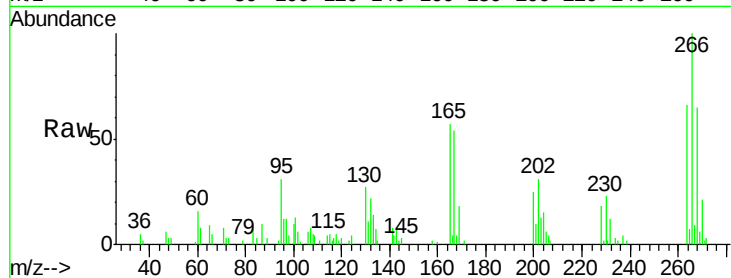




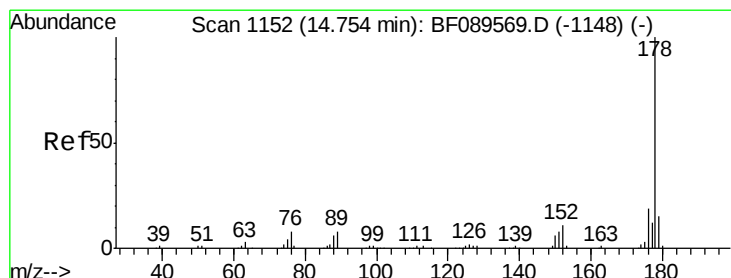
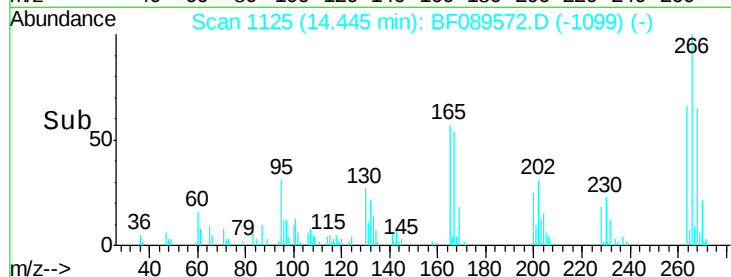
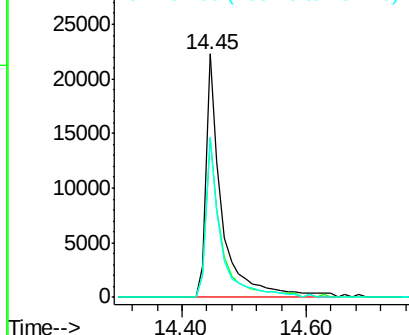
#69
 Pentachlorophenol
 Concen: 78.64 ng
 RT: 14.45 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: BF089572.D
 Acq: 3 Aug 2016 22:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 39427
 Ion Ratio Lower Upper
 266 100
 268 65.3 51.8 77.6
 264 66.1 51.2 76.8

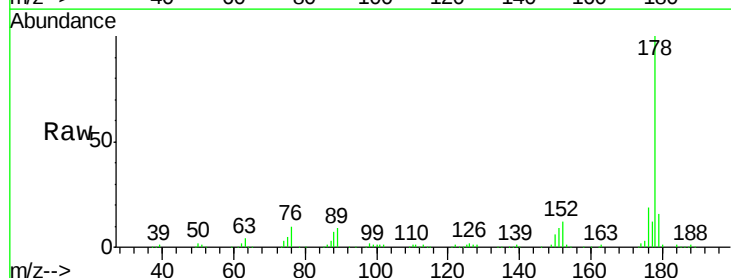


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

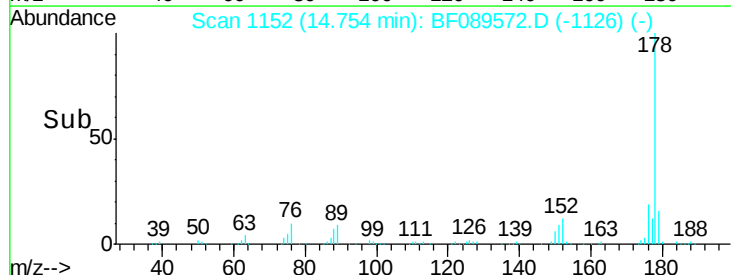
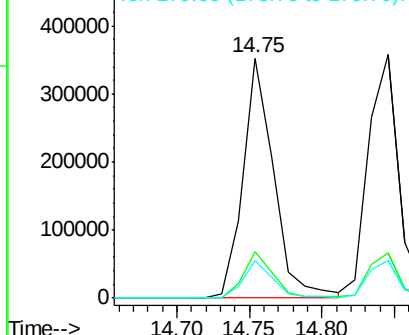


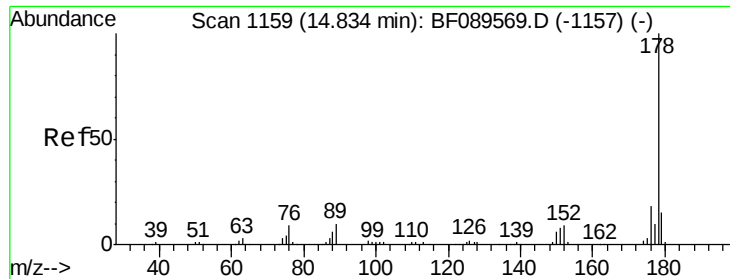
#70
 Phenanthrene
 Concen: 79.22 ng
 RT: 14.75 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF089572.D
 Acq: 3 Aug 2016 22:09

Tgt Ion:178 Resp: 517801
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.2 22.8
 179 15.6 12.2 18.4



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

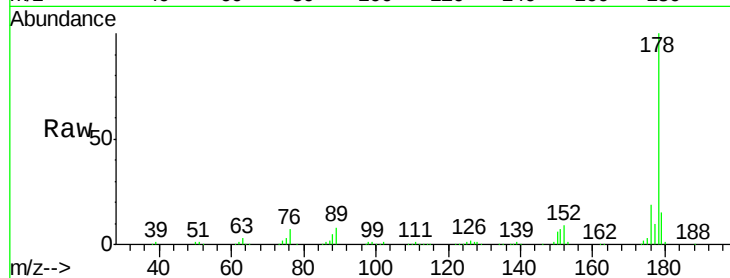




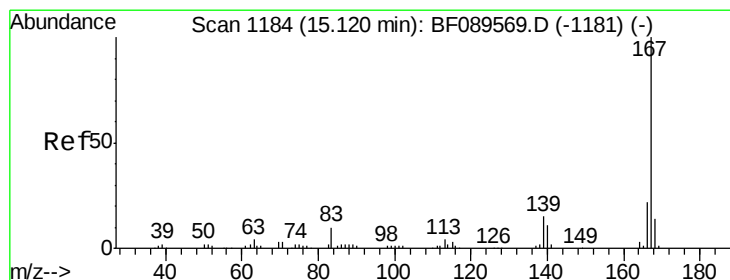
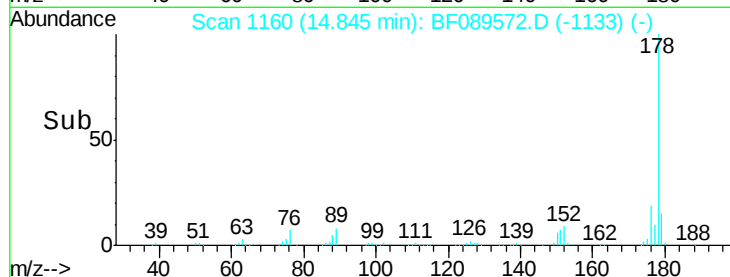
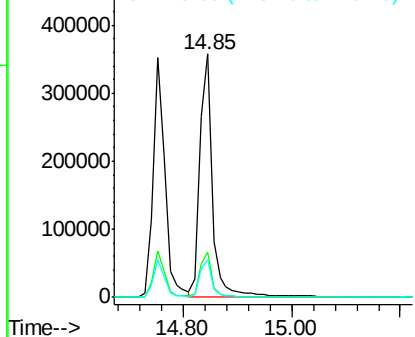
#71
 Anthracene
 Concen: 78.62 ng
 RT: 14.85 min Scan# 1160
 Delta R.T. 0.01 min
 Lab File: BF089572.D
 Acq: 3 Aug 2016 22:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 561856
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.7 22.1
 179 15.2 12.2 18.2

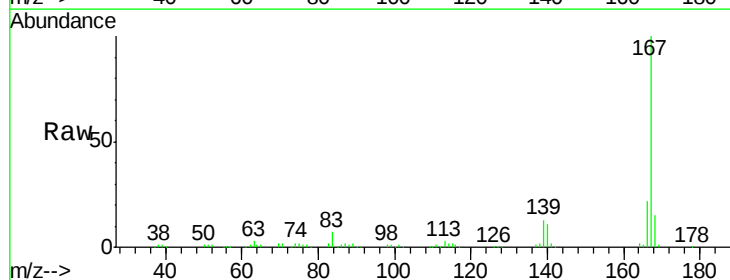


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

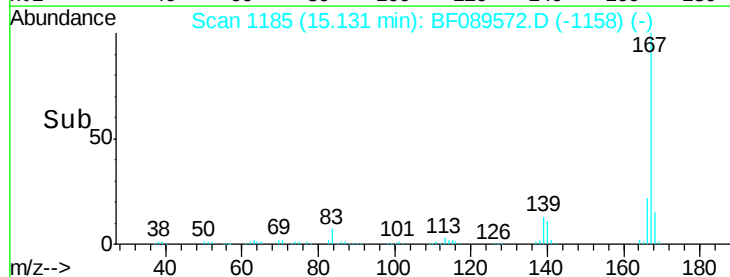
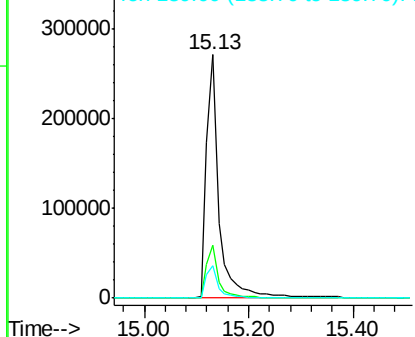


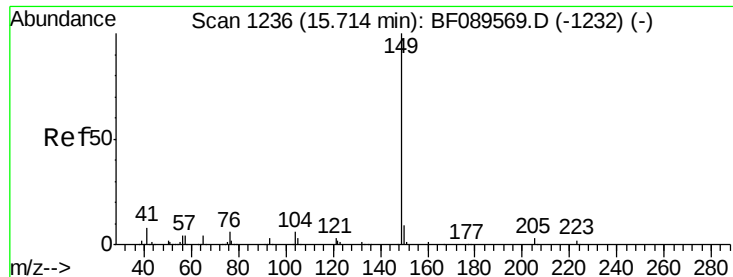
#72
 Carbazole
 Concen: 78.98 ng
 RT: 15.13 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF089572.D
 Acq: 3 Aug 2016 22:09

Tgt Ion:167 Resp: 456531
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.5 26.3
 139 13.4 11.8 17.6



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

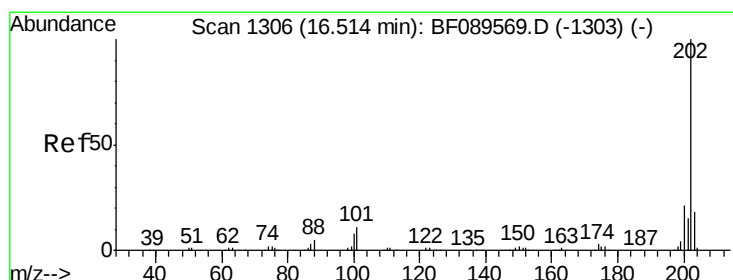
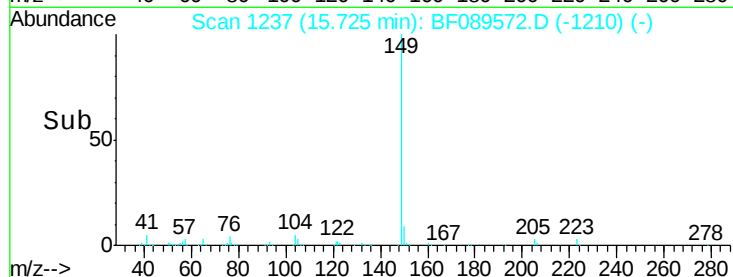
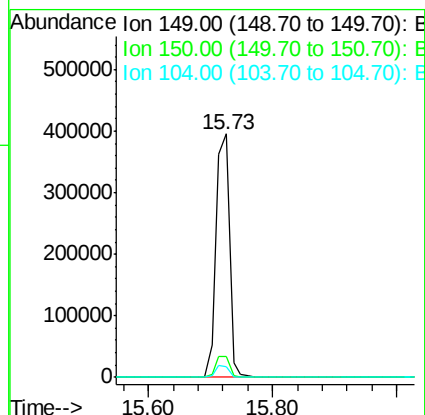
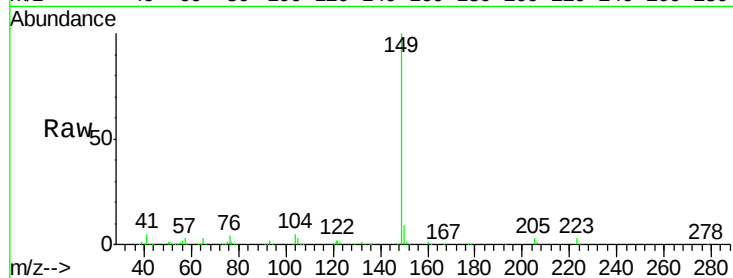




#73
Di-n-butylphthalate
Concen: 78.81 ng
RT: 15.73 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF089572.D
Acq: 3 Aug 2016 22:09

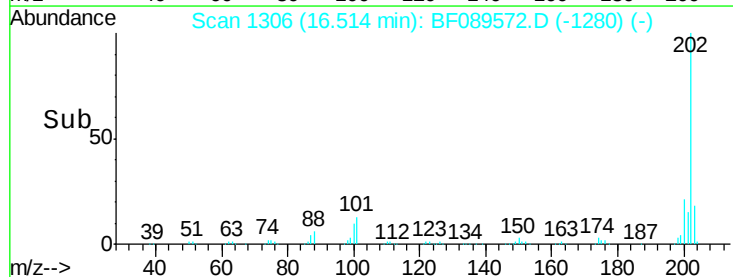
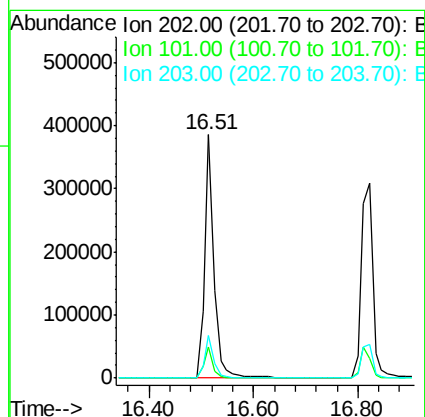
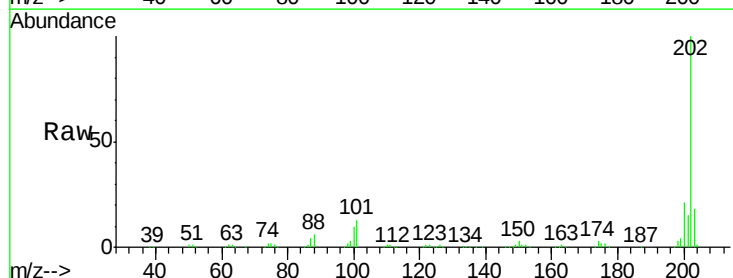
Instrument :
BNA_F
ClientSampleId :

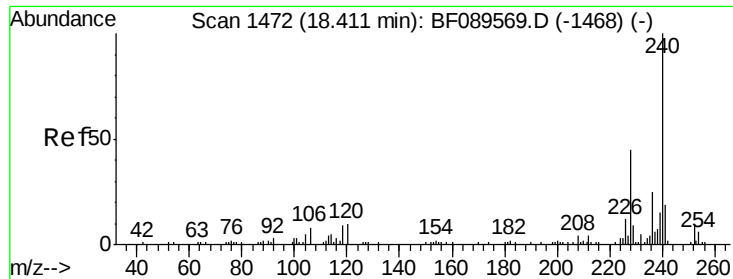
Tot Ion:149 Resp: 582684
Ion Ratio Lower Upper
149 100
150 8.8 7.4 11.0
104 4.6 4.6 7.0#



#74
Fluoranthene
Concen: 72.90 ng
RT: 16.51 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF089572.D
Acq: 3 Aug 2016 22:09

Tgt Ion:202 Resp: 482259
Ion Ratio Lower Upper
202 100
101 12.6 0.0 31.0
203 17.6 0.0 37.7

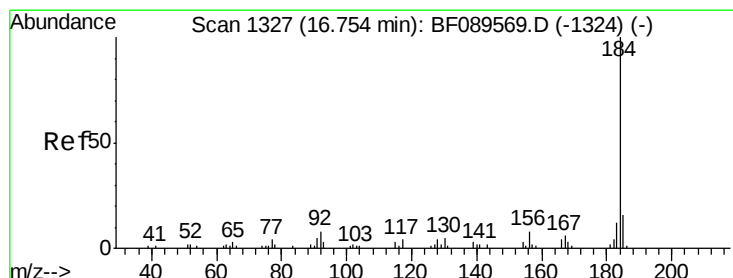
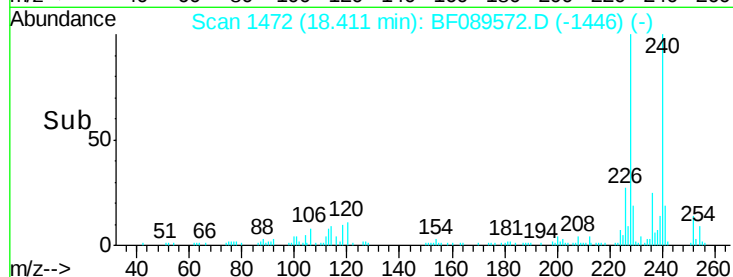
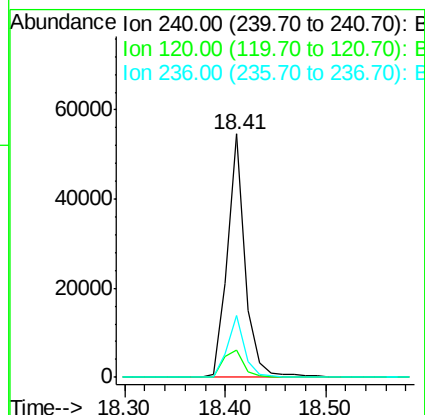
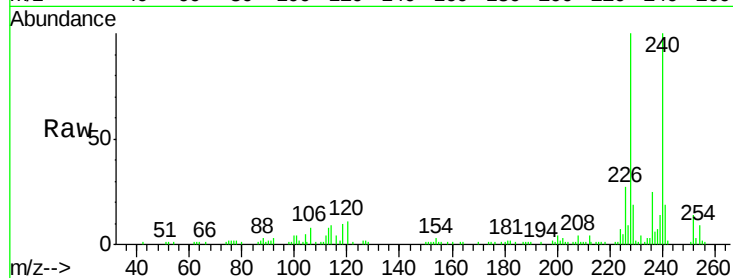




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.41 min Scan# 1472
Delta R.T. 0.00 min
Lab File: BF089572.D
Acq: 3 Aug 2016 22:09

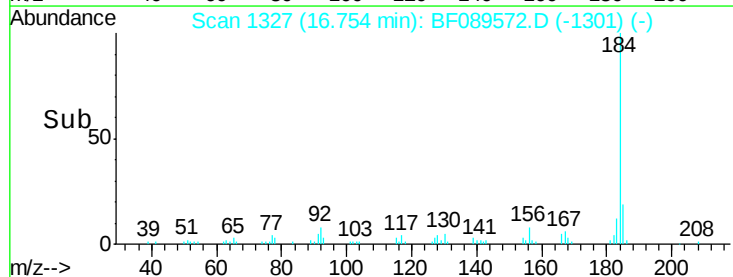
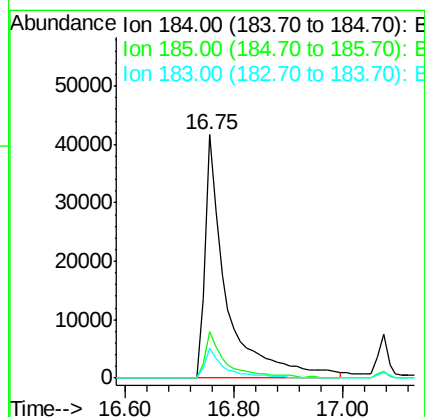
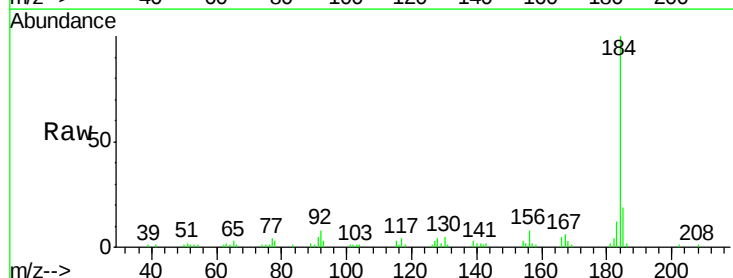
Instrument :
BNA_F
ClientSampleId :

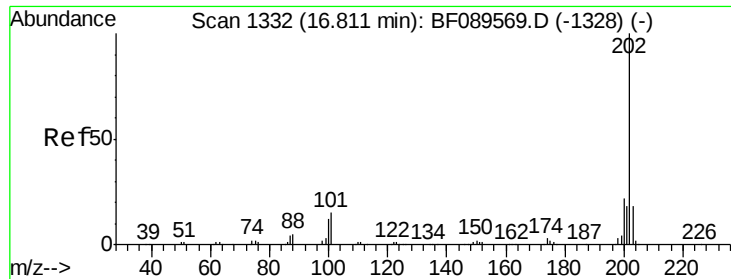
Tot Ion:240 Resp: 66996
Ion Ratio Lower Upper
240 100
120 11.4 8.2 12.2
236 25.5 20.3 30.5



#76
Benzidine
Concen: 62.49 ng
RT: 16.75 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF089572.D
Acq: 3 Aug 2016 22:09

Tgt Ion:184 Resp: 114178
Ion Ratio Lower Upper
184 100
185 19.3 13.1 19.7
183 12.4 9.6 14.4

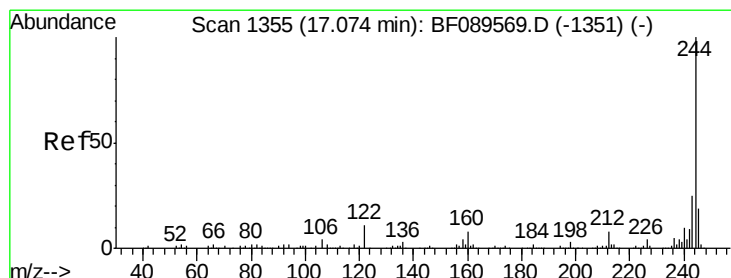
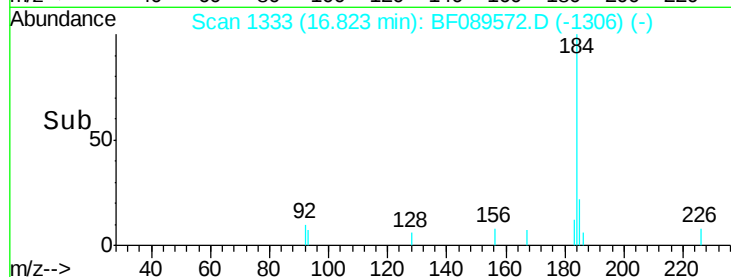
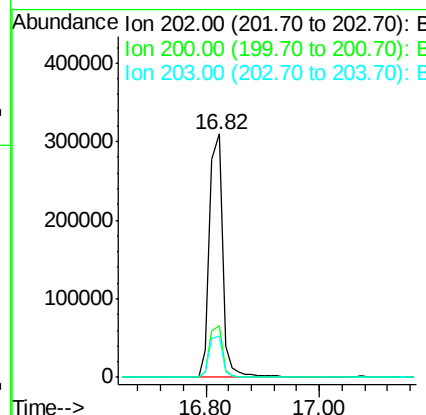
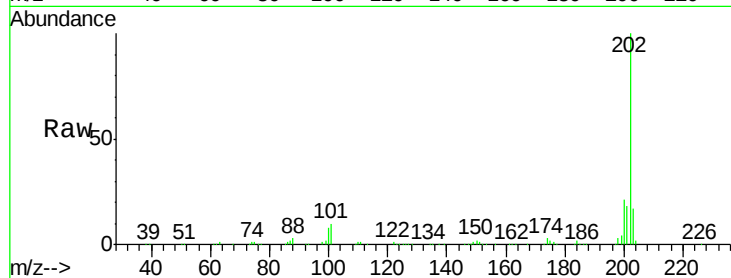




#77
Pvrene
Concen: 79.77 ng
RT: 16.82 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF089572.D
Acq: 3 Aug 2016 22:09

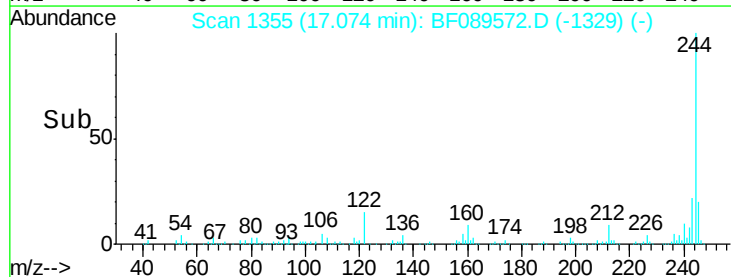
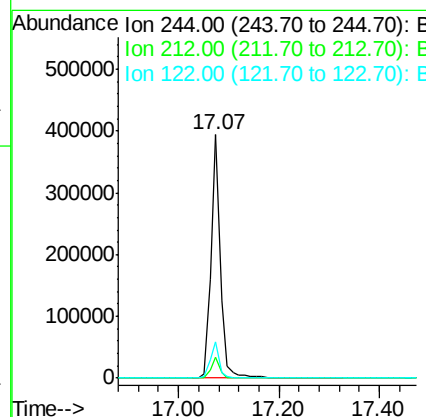
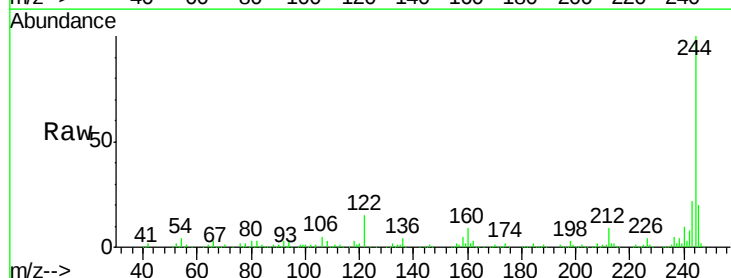
Instrument :
BNA_F
ClientSampleId :

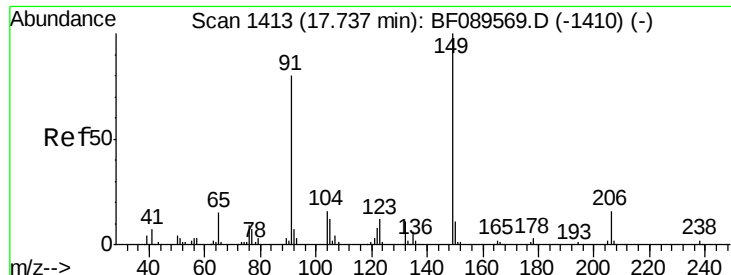
Tot Ion:202 Resp: 475085
Ion Ratio Lower Upper
202 100
200 21.3 17.2 25.8
203 17.2 14.2 21.2



#78
Terphenyl-d14
Concen: 152.14 ng
RT: 17.07 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF089572.D
Acq: 3 Aug 2016 22:09

Tgt Ion:244 Resp: 508024
Ion Ratio Lower Upper
244 100
212 8.5 6.2 9.4
122 14.8 8.5 12.7#

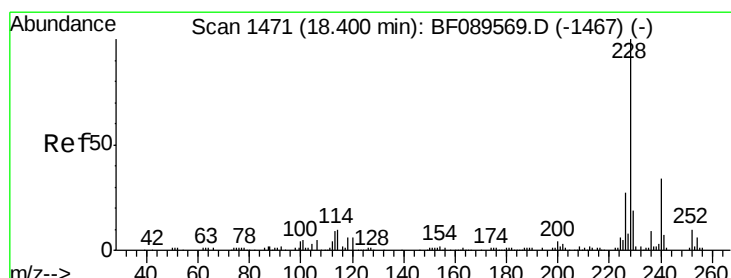
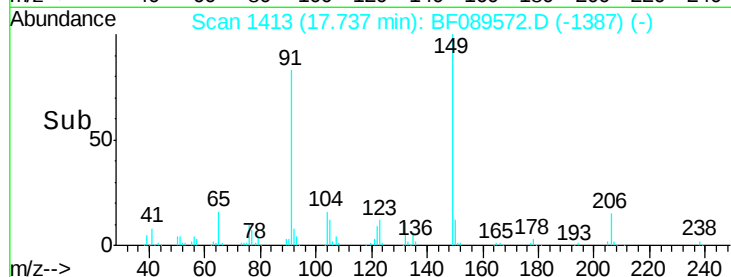
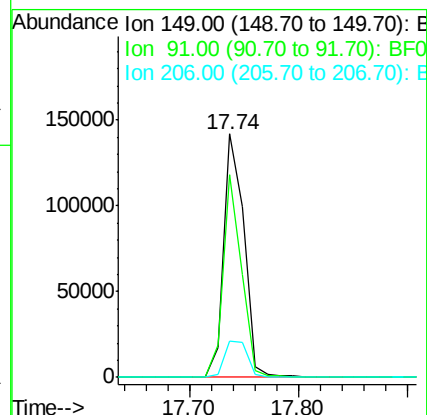
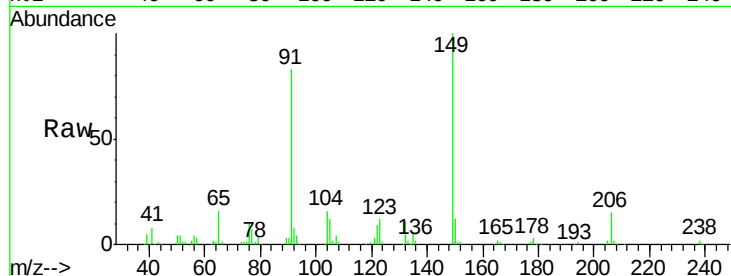




#79
Butylbenzylphthalate
Concen: 82.75 ng
RT: 17.74 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF089572.D
Acq: 3 Aug 2016 22:09

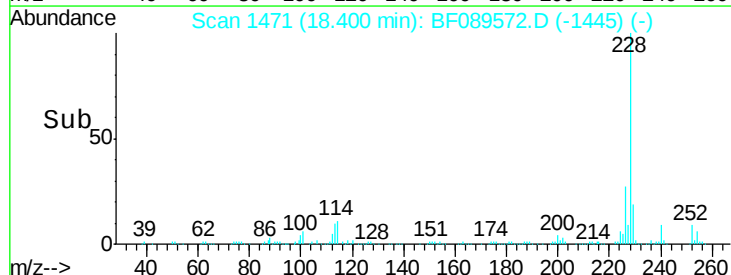
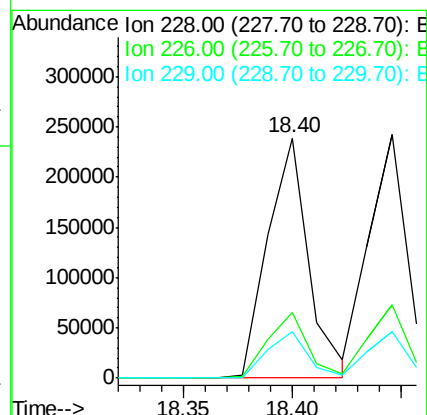
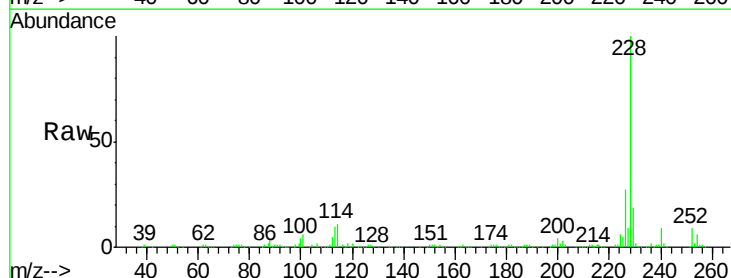
Instrument :
BNA_F
ClientSampleId :

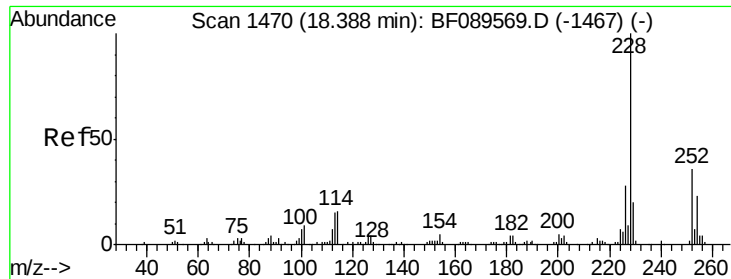
Tot Ion:149 Resp: 184938
Ion Ratio Lower Upper
149 100
91 83.1 63.6 95.4
206 15.1 12.8 19.2



#80
Benzo(a)anthracene
Concen: 80.23 ng
RT: 18.40 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BF089572.D
Acq: 3 Aug 2016 22:09

Tgt Ion:228 Resp: 313205
Ion Ratio Lower Upper
228 100
226 27.3 21.5 32.3
229 19.2 15.1 22.7

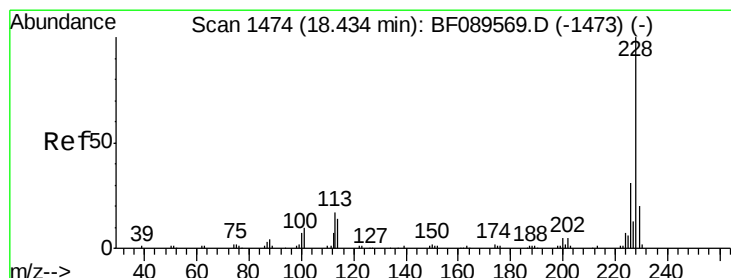
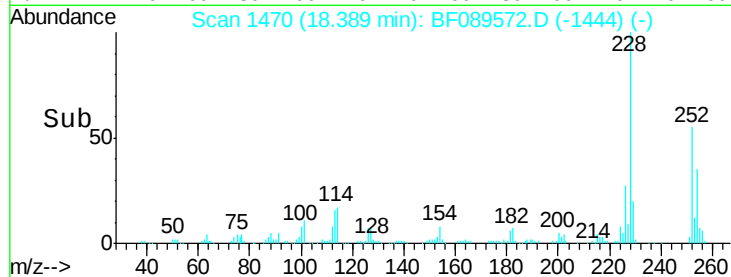
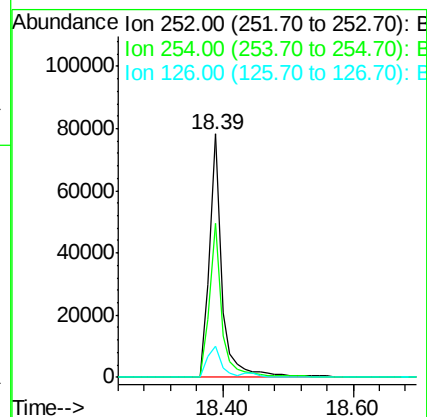
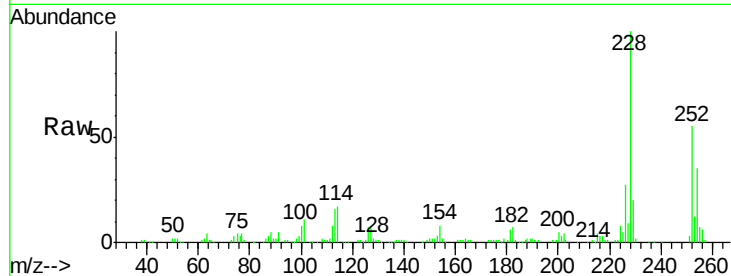




#81
 3,3'-Dichlorobenzidine
 Concen: 85.96 ng
 RT: 18.39 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: BF089572.D
 Acq: 3 Aug 2016 22:09

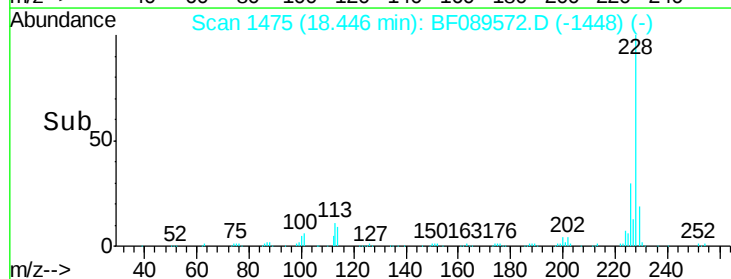
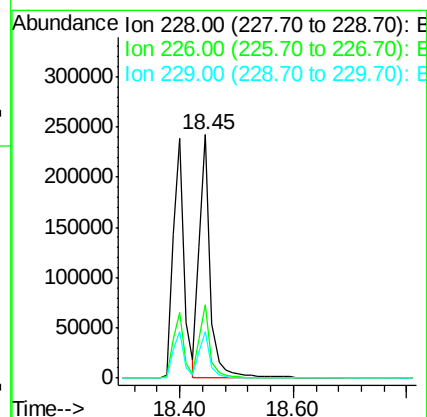
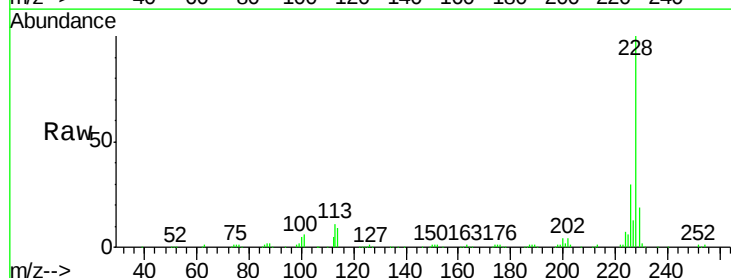
Instrument :
 BNA_F
 ClientSampled :

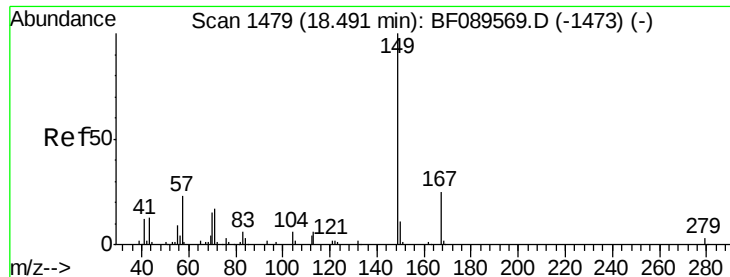
Tot Ion:252 Resp: 105164
 Ion Ratio Lower Upper
 252 100
 254 63.5 51.6 77.4
 126 13.0 10.1 15.1



#82
 Chrysene
 Concen: 80.64 ng
 RT: 18.45 min Scan# 1475
 Delta R.T. 0.01 min
 Lab File: BF089572.D
 Acq: 3 Aug 2016 22:09

Tgt Ion:228 Resp: 324619
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.3 36.5
 229 19.3 15.7 23.5

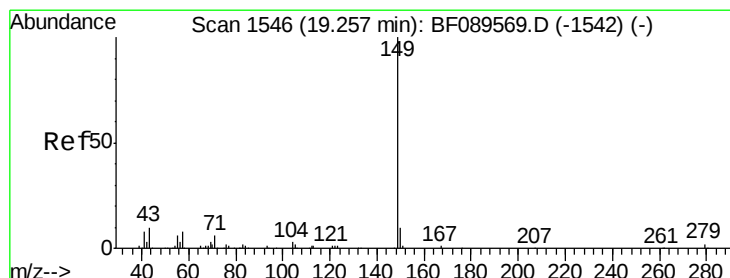
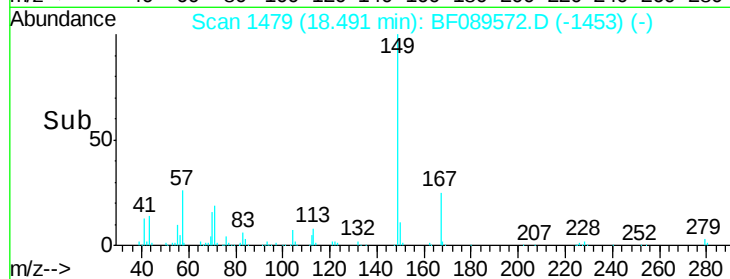
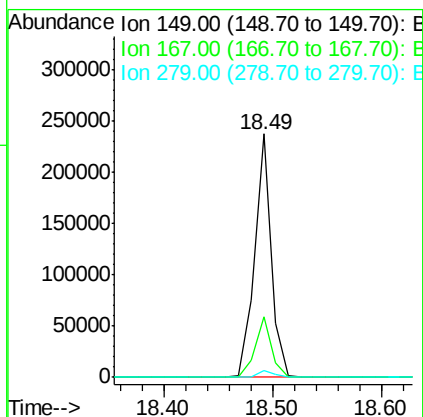
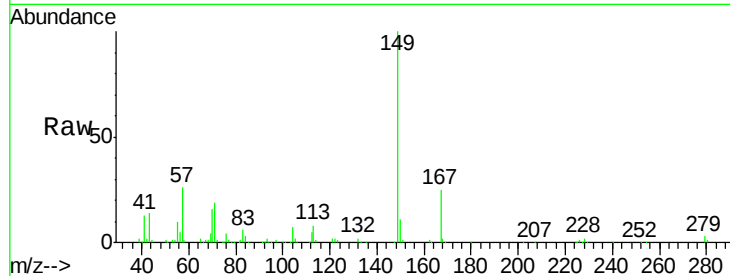




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 84.48 ng
 RT: 18.49 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF089572.D
 Acq: 3 Aug 2016 22:09

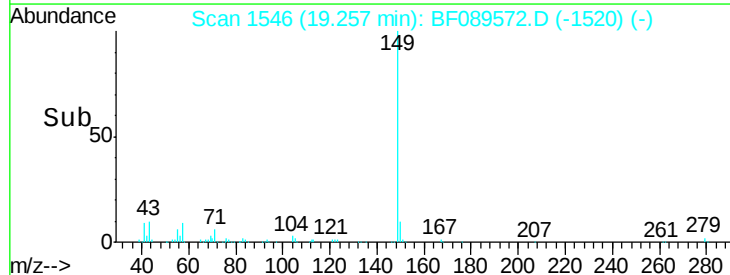
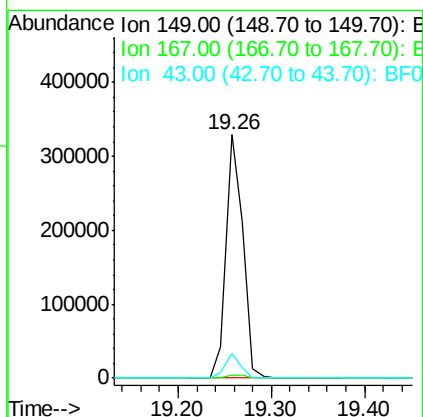
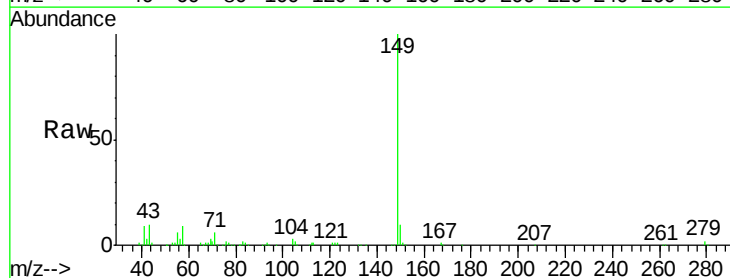
Instrument :
 BNA_F
 ClientSampleId :

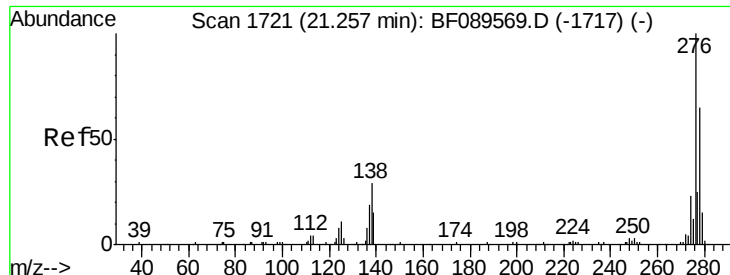
Tot Ion:149 Resp: 254481
 Ion Ratio Lower Upper
 149 100
 167 24.9 19.7 29.5
 279 2.8 2.3 3.5



#84
 Di-n-octyl phthalate
 Concen: 90.53 ng
 RT: 19.26 min Scan# 1546
 Delta R.T. 0.00 min
 Lab File: BF089572.D
 Acq: 3 Aug 2016 22:09

Tgt Ion:149 Resp: 413446
 Ion Ratio Lower Upper
 149 100
 167 1.3 1.1 1.7
 43 9.5 7.3 10.9

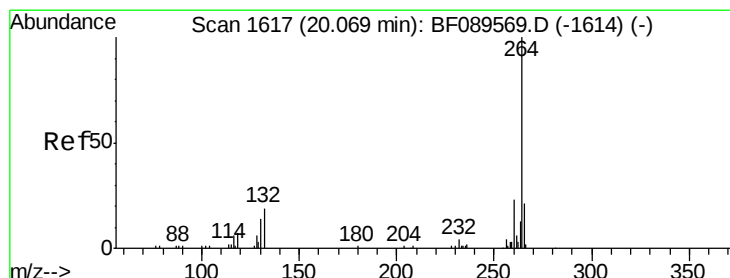
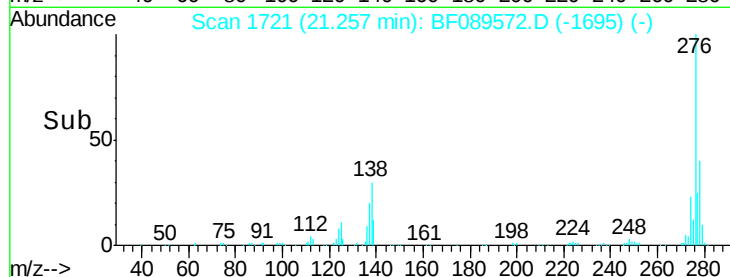
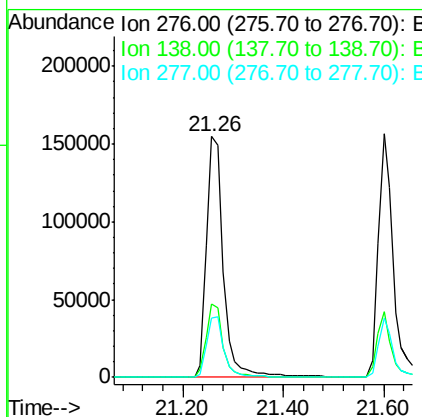
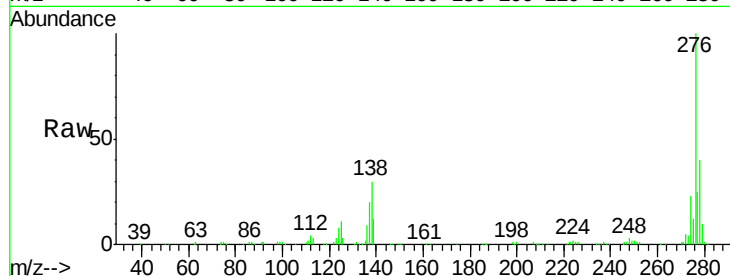




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 79.82 ng
 RT: 21.26 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BF089572.D
 Acq: 3 Aug 2016 22:09

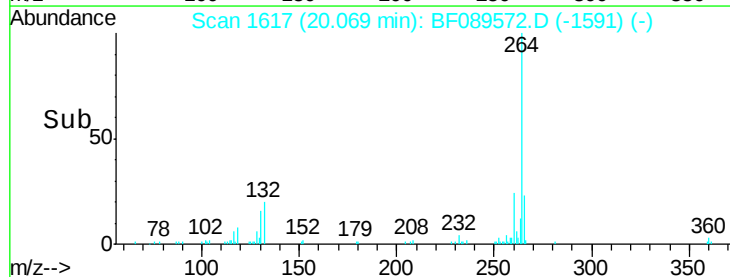
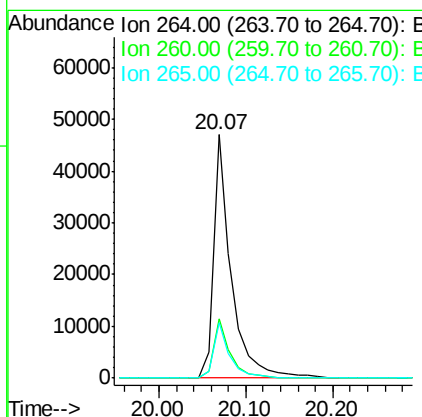
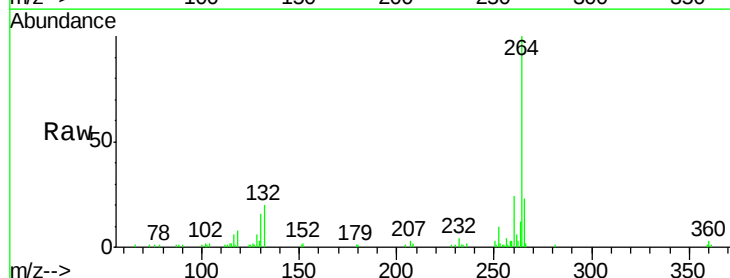
Instrument :
 BNA_F
 ClientSampleId :

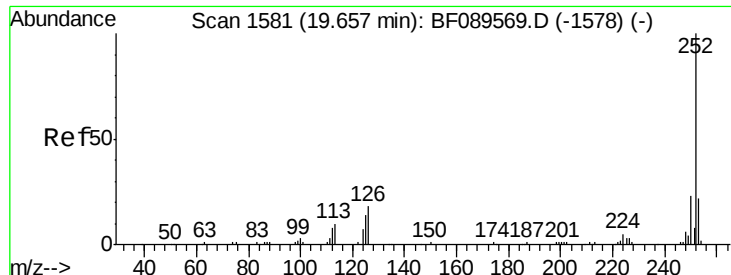
Tot Ion:276 Resp: 364511
 Ion Ratio Lower Upper
 276 100
 138 30.2 23.5 35.3
 277 25.7 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.07 min Scan# 1617
 Delta R.T. 0.00 min
 Lab File: BF089572.D
 Acq: 3 Aug 2016 22:09

Tgt Ion:264 Resp: 66751
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.5 27.7
 265 23.0 16.6 25.0

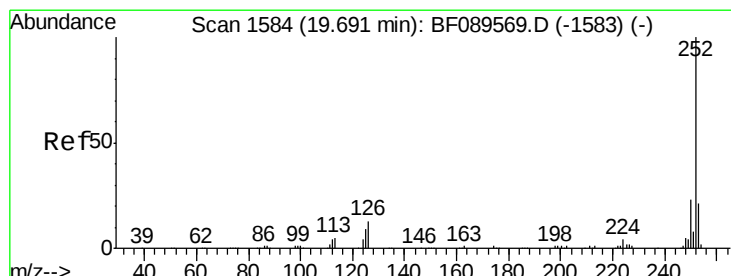
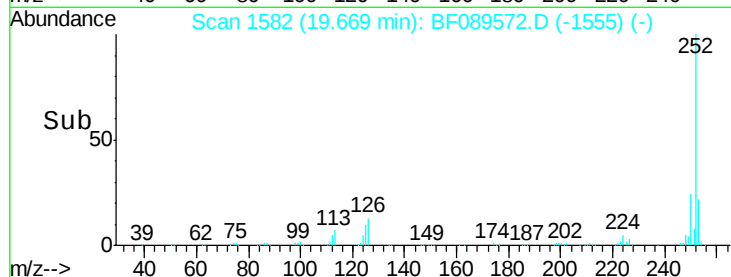
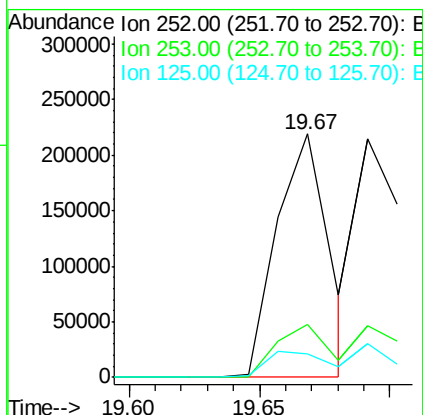
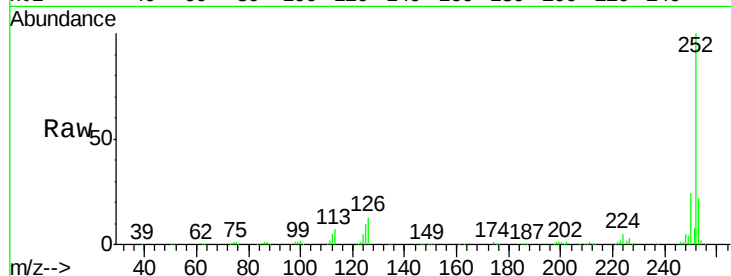




#87
Benzo(b)fluoranthene
Concen: 74.11 ng
RT: 19.67 min Scan# 1582
Delta R.T. 0.01 min
Lab File: BF089572.D
Acq: 3 Aug 2016 22:09

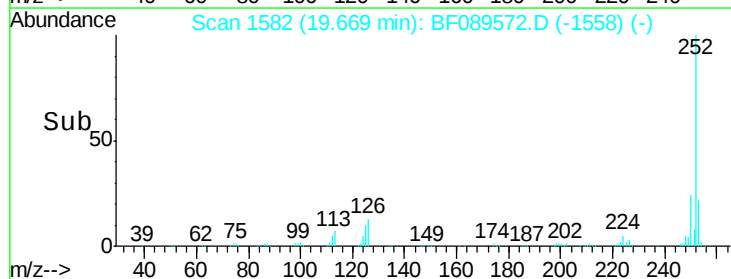
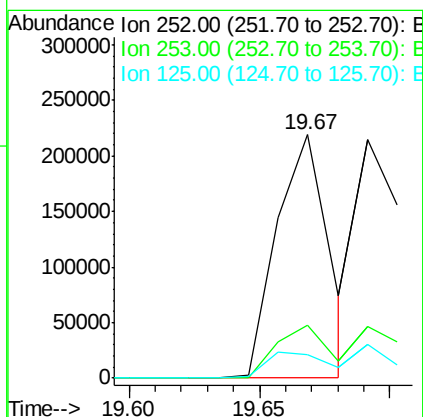
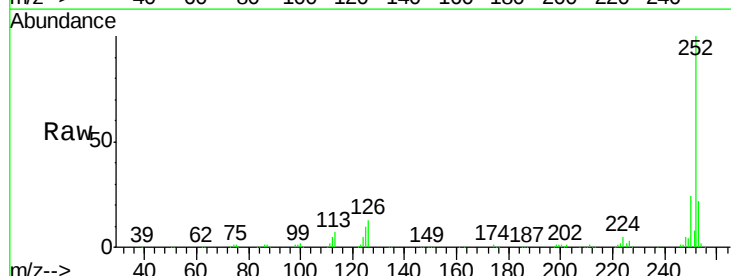
Instrument :
BNA_F
ClientSampleId :

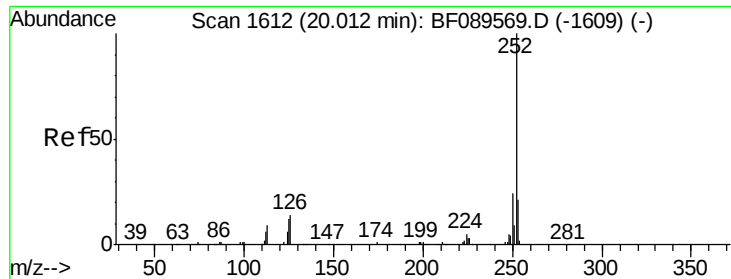
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	9.9	11.0	16.4



#88
Benzo(k)fluoranthene
Concen: 75.24 ng
RT: 19.67 min Scan# 1582
Delta R.T. -0.02 min
Lab File: BF089572.D
Acq: 3 Aug 2016 22:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	9.9	9.3	13.9

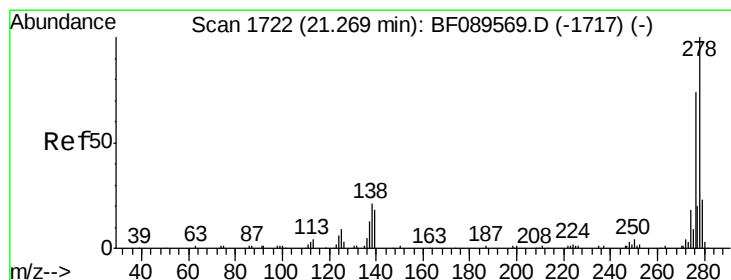
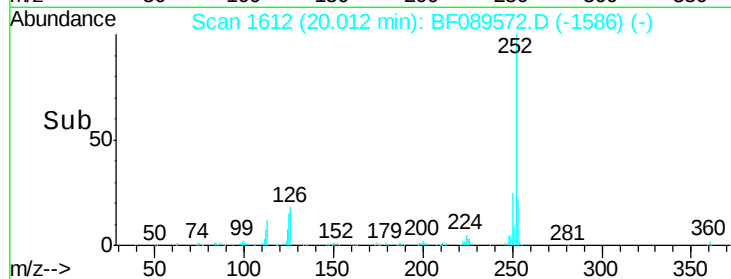
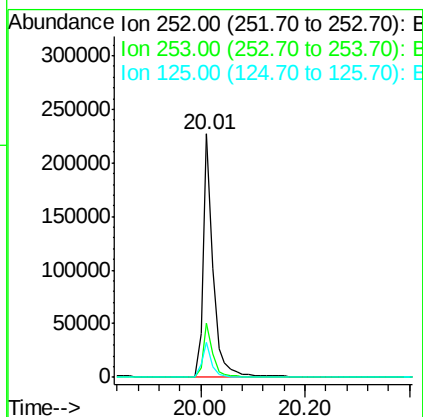
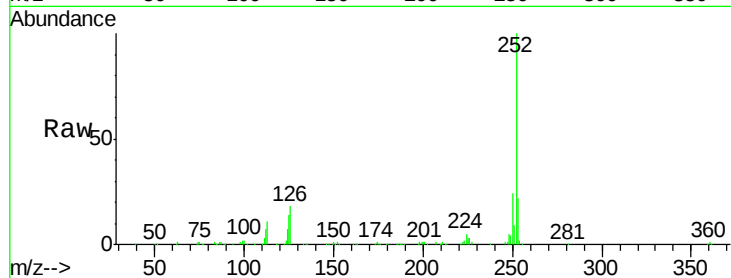




#89
Benzo(a)pyrene
Concen: 78.33 ng
RT: 20.01 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BF089572.D
Acq: 3 Aug 2016 22:09

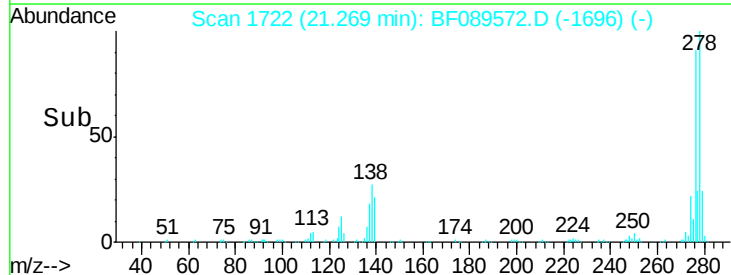
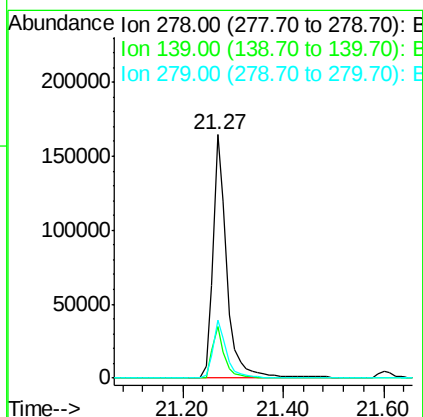
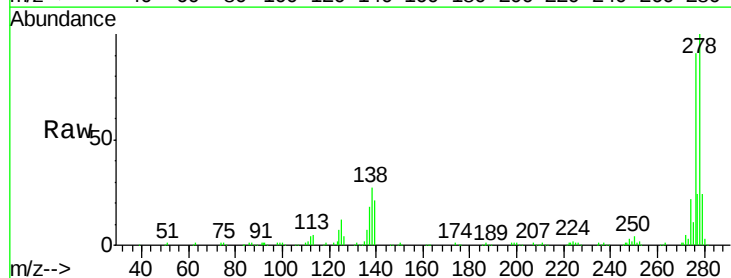
Instrument :
BNA_F
ClientSampleId :

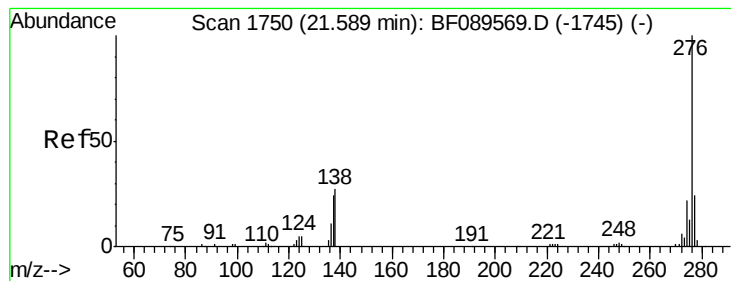
Tot Ion:252 Resp: 296174
Ion Ratio Lower Upper
252 100
253 22.2 16.6 24.8
125 14.2 9.4 14.0#



#90
Dibenzo(a,h)anthracene
Concen: 88.05 ng
RT: 21.27 min Scan# 1722
Delta R.T. 0.00 min
Lab File: BF089572.D
Acq: 3 Aug 2016 22:09

Tgt Ion:278 Resp: 315152
Ion Ratio Lower Upper
278 100
139 20.9 14.1 21.1
279 24.1 18.7 28.1





#91
 Benzo(a,h,i)perylene
 Concen: 86.50 ng
 RT: 21.60 min Scan# 1751
 Delta R.T. 0.01 min
 Lab File: BF089572.D
 Acq: 3 Aug 2016 22:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.0	28.6
138	27.2	21.7	32.5

